



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
290 BROADWAY
NEW YORK, NEW YORK 10007-1866

October 25, 2011

BY OVERNIGHT DELIVERY

United States of America on Behalf of the General Services Administration
Attention: Bernard K. Schafer, J.D., LL.M.
Senior Assistant General Counsel
Real Property Division
U.S. General Services Administration
Office of the General Counsel
Room 574A
1275 First Street, NE
Washington, D.C. 20417

Re: Newtown Creek Superfund Site, Kings County and Queens County, New York
Request for Information Pursuant to the Comprehensive Environmental Response,
Compensation, and Liability Act, 42 U.S.C. §§ 9601-9675

Dear Sir:

The U.S. Environmental Protection Agency ("EPA") is charged with responding to the release and threatened release of hazardous substances, pollutants and contaminants into the environment and with enforcement responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended ("CERCLA"), 42 U.S.C. §§ 9601-9675 (also known as the "Superfund" law). More information about CERCLA, including a copy of the Superfund law, may be found at www.epa.gov/superfund.

EPA has documented the release and threatened release of hazardous substances into the environment at the Newtown Creek Superfund Site ("Site"). The Site includes a body of water located in Kings County and Queens County in the City of New York and the State of New York. Newtown Creek is a tidal arm of the New York-New Jersey Harbor Estuary that forms the northwestern-most border between the New York City boroughs of Brooklyn and Queens. It is a tributary of the East River and includes Newtown Creek proper and its five branches (or tributaries) which are known, respectively, as Dutch Kills, Maspeth Creek, Whale Creek, East Branch and English Kills, along an approximately 3.8-mile reach. References in this letter to "Newtown Creek" are meant to include Newtown Creek proper and its tributaries.

In response to the release and threatened release of hazardous substances into the environment at the Site, EPA has spent public funds and anticipates spending additional public funds. These actions have been and will be taken by EPA pursuant to CERCLA.

The Site has been listed pursuant to Section 105 of CERCLA, 42 U.S.C. Section 9605, on the national priorities list of releases and threatened releases of hazardous substances, based upon the relative risk or danger to public health or welfare or the environment, for the purpose of taking action pursuant to CERCLA at such sites. Newtown Creek was listed pursuant to EPA rulemaking by publication in the *Federal Register*, on September 29, 2010. A remedial investigation and feasibility study at the Site is currently being undertaken, under EPA oversight, by a group of potentially responsible parties pursuant to an administrative settlement agreement and order on consent. The remedial investigation focuses on a Study Area which includes the sediments and the waters of Newtown Creek.

Historically, Newtown Creek drained the uplands of western Long Island and flowed through wetlands and marshes. However, due to heavy industrial development and governmental activities dating from the 1800's, formerly wet areas have been filled, Newtown Creek has been channelized, and its banks have been stabilized with bulkheads and rip rap.

The Newtown Creek area of Brooklyn and Queens has a history of extensive industrial development stretching back to the 1800s. By the second half of the nineteenth century, the area surrounding and adjacent to Newtown Creek had become highly industrialized. This development resulted in major reworking of the Creek banks and channel for drainage, municipal discharges, and navigation purposes. Hazardous substances discharged by industrial, municipal, and other sources over the years ended up in the Creek. Currently the predominant land use around Newtown Creek includes industrial, manufacturing, warehousing, transportation, municipal infrastructure, and utility facilities. Residential development is planned for the areas near the mouth of the Creek on both the Brooklyn and Queens sides.

The Site includes contaminated sediments for which there are numerous possible sources. Sampling events have shown the sediments in the Creek to be contaminated with a variety of hazardous substances which traverse almost the entire length of the Creek, and which include a wide variety of metals, pesticides, polycyclic aromatic hydrocarbons, phthalates, polychlorinated biphenyls and volatile organic contaminants.

As part of its investigation of potential sources of contamination to Newtown Creek, EPA is seeking information regarding entities which operated in the vicinity of Newtown Creek. The General Services Administration ("GSA") is receiving this letter because EPA believes that GSA is successor to the Reconstruction Finance Corporation and the Defense Plant Corporation, agencies of the United States of America during the Second World War or during the immediate post-war era. EPA has information which indicates that in or around 1941, the Reconstruction Finance Corporation acquired a 108-acre facility adjacent to Newtown Creek, which was developed by the Defense Plant Corporation as an aluminum production facility (identified as Plancor 226-A1), leased to the Aluminum Company of America for wartime production of aluminum, and which facility was subsequently permitted to the United States Navy for various naval operations. EPA believes that GSA is the successor to the Reconstruction Finance Corporation and the Defense Plant Corporation. Hazardous substances may have been released from the facility into Newtown Creek. EPA intends to seek information pursuant to CERCLA

Section 104(e) from the United States Navy concerning this same facility and EPA anticipates that other agencies of the United States Government may also receive requests for information concerning ownership or operation of facilities in, adjacent to, or nearby to Newtown Creek.

Please note that EPA's investigation of the source of contamination to Newtown Creek is expected to occur in phases. Thus, as EPA obtains information concerning the Site, the Agency may seek further information from GSA about its ownership or operation of this or other facilities nearby to Newtown Creek.

INFORMATION REQUEST

This letter seeks your cooperation in providing information and documents relating to the Site. We encourage you to give this letter your immediate attention. A complete and truthful response to the attached Request for Information should be submitted to EPA within 45 days of your receipt of this letter.

Under Section 104(e) of CERCLA, EPA has broad information gathering authority which allows the Agency to require persons to provide information or documents relating to the materials generated, treated, stored or disposed of at or transported to a facility, the nature or extent of a release or threatened release of a hazardous substance, pollutant or contaminant or other waste materials at or from a facility, and the ability of a person to pay for or perform a cleanup.

While EPA seeks your cooperation in this investigation, your compliance with the enclosed Request for Information is required by law. When you have prepared your response to the Request for Information, please sign and have notarized the enclosed "Certification of Answers to Request for Information," and return that Certification to EPA along with your response. Please note that false, fictitious or fraudulent statements or representations may subject you to civil or criminal penalties under federal law.

Please note that if after submitting your response you obtain additional or different information concerning the matters addressed by the Request for Information, it is necessary that you promptly notify EPA.

This Request for Information is not subject to the approval requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. §§ 3501-3520.

Your response to this Request for Information should be sent to:

Michael A. Mintzer
Assistant Regional Counsel
New York/Caribbean Superfund Branch
Office of Regional Counsel
U.S. Environmental Protection Agency, Region II

290 Broadway, 17th Floor
New York, NY 10007-1866
mintzer.michael@epa.gov

with a copy to:

Caroline Kwan
Remedial Project Manager
New York Remediation Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866
kwan.caroline@epa.gov

If you have any questions regarding this Request for Information, or would like to discuss this matter with EPA, you may call Mr. Mintzer at (212) 637-3168.

We appreciate and look forward to your prompt response to this information request.

Sincerely yours,



Angela Carpenter, Chief
Special Projects Branch
Emergency and Remedial Response Division

Attachments

Cc: Assistant United States Attorney Sandra Levy
Office of the United States Attorney
Eastern District of New York

INSTRUCTIONS FOR RESPONDING TO REQUEST FOR INFORMATION

A. Directions

1. A complete and separate response should be given for each question.
2. Identify each answer with the number of the question to which it is addressed.
3. For each document produced in response to this Request for Information, indicate on the document, or in some other clear manner, the question to which it applies.
4. In preparing your response to each question, consult with all present and former employees and agents of GSA whom you have reason to believe may be familiar with the matter to which the question pertains.
5. In answering each question, identify each individual and any other source of information (including documents) that was consulted in the preparation of the response to the question.
6. If you are unable to give a detailed and complete answer, or to provide any of the information or documents requested, indicate the reason for your inability to do so.
7. If you have reason to believe that an individual other than one employed by GSA, as the term is defined below, may be able to provide additional details or documentation in response to any question, identify that person.
8. If a document is requested but not available, state the reason for its unavailability. To the best of your ability, identify the document by author, date, subject matter, number of pages, and all recipients of the document with their addresses.
9. If anything is omitted from a document produced in response to this Request for Information, state the reason for, and the subject matter of, the omission.
10. If you cannot provide a precise answer to a question, please approximate but, in any such instance, state the reason for your inability to be more specific.
11. Whenever this Request for Information requests the identification of a natural person, or other entity, the person or entity's full name and present or last known address also should be provided.
12. If a response to any question is answered completely by a response to another question, or a request for a document has been addressed by a separate production, you may cross reference the responses so that you do not need to provide a duplicate response or duplicate documents.

B. Definitions

1. As used herein, the term "Newtown Creek" shall refer to Newtown Creek, and shall include its five branches or tributaries, respectively Dutch Kills, Maspeth Creek, Whale Creek, East Branch and English Kills.
2. As used herein, the term "Site" shall refer to Newtown Creek and any areas that have been a source of contamination to Newtown Creek, or are places where releases of such contamination to Newtown Creek have come to be located.
3. As used herein, the term "hazardous substance" shall have the meaning set forth in Section 101(14) of CERCLA, 42 U.S.C. § 9601(14). The substances which have been designated as hazardous substances pursuant to Section 102(a) of CERCLA (which, in turn, comprise a portion of the substances that fall within the definition of "hazardous substance" under Section 101(14) of CERCLA) are set forth at 40 CFR Part 302.
4. As used herein, the terms "hazardous waste," "disposal" and "storage" shall have the meanings set forth in Sections 1004(3), (5) and (33) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. §§ 6903(3), (5) and (33), respectively.
5. As used herein, the term "industrial waste" shall mean any solid, liquid or sludge or any mixture thereof which possesses any of the following characteristics:
 - a. it contains one or more "hazardous substances" (at any concentration) as defined in 42 U.S.C. § 9601(14);
 - b. it is a "hazardous waste" as defined in 42 U.S.C. § 6903(5);
 - c. it has a pH less than 2.0 or greater than 12.5;
 - d. it reacts violently when mixed with water;
 - e. it generates toxic gases when mixed with water;
 - f. it easily ignites or explodes;
 - g. it is an industrial waste product;
 - h. it is an industrial treatment plant sludge or supernatant;
 - i. it is an industrial byproduct having some market value;
 - j. it is coolant water or blowdown waste from a coolant system;
 - k. it is a spent product which could be reused after rehabilitation; or
 - l. it is any material which you have reason to believe would be toxic if ingested, inhaled or placed in contact with your skin.
6. As used herein, the term "release" shall have the meaning set forth in Section 101(22) of CERCLA, 42 U.S.C. § 9601(22).
7. As used herein, the term "GSA" refers to the United States General Services Administration as presently or previously constituted and, as the context may suggest, its

predecessor agencies including, without limitation, the Reconstruction Finance Corporation and the Defense Plant Corporation.

8. As used herein, the terms:
 - a. "Facility" shall mean all or part of the 108.6-acre facility located at the junction of Newtown Creek and its tributary Maspeth Creek, together with the structures, infrastructure and other improvements located thereon, and having an address formerly known as 47-01 Grand Avenue, Maspeth, Queens County, New York; and
 - b. "Other Newtown Creek Property(ies)" shall mean all other properties or facilities, if any, now or formerly owned or operated by GSA within the area extending one-thousand feet from the shoreline of Newtown Creek (including each branch or tributary of Newtown Creek).
9. The term "identify" means, with respect to a natural person, to set forth the person's name, present or last known employer and business address and business telephone number, present or last known home address and home telephone number, and present or last known job title, occupation, position or business.
10. The term "identify" means, with respect to a governmental agency, corporation, partnership, business trust or other association or business entity (including a sole proprietorship) to set forth its full name, address, legal form (*e.g.*, corporation, partnership, business trust, etc.), a brief description of its business and its ultimate parent corporation.
11. All terms not defined herein shall have their ordinary meanings, unless such terms are defined in CERCLA or RCRA or in their implementing regulations, in which case the statutory or regulatory definitions apply.

REQUEST FOR INFORMATION

Section 1.0 Role of GSA and Predecessor Agencies - Communications From EPA

1. Role of GSA and Predecessor Wartime Agencies:

- a. Identify the role of GSA in managing real property assets of the United States.
- b. Identify the role of the following United States agencies with respect to the ownership, development and subsequent administration of the Facility;
 - i. Reconstruction Finance Corporation;
 - ii. Defense Plant Corporation;
 - iii. War Production Board;
 - iv. War Assets Administration; and
 - v. GSA.
- c. Identify the role of GSA and its predecessors with respect to the Facility when the Facility was operated by Aluminum Company of America.
- d. Identify the role of GSA and its predecessors, if any, with respect to the Facility when operation of the Facility was operated by the United States Navy between 1942 and 1950 (see attachment 1).
- e. Identify the role of GSA when use of the Facility was permitted to the Navy after 1950 (see attachment 2 at Section 301, page 328 and attachment 3, pages NEWT 0020167 to 68).
- f. Identify the nature of the succession of GSA to the agencies listed in Question 1.b, above and provide a citation to and copy of the federal laws, regulations, executive orders or other implementing authorities for the transfer, if any, of responsibility from the agencies listed in Question 1.a., above to GSA.
- g. Did the Office of Defense Transportation have jurisdiction over any transportation facilities (e.g., pipelines, railroads, shipping) serving the Facility? If the answer is yes, please identify the role of the Office of Defense Transportation with respect to pipelines, railroads or shipping at the Facility, and the present day Governmental successor to that Office.
- h. Did GSA succeed to the interests of the Office of Alien Property of the Department of Justice, and did GSA ever have responsibility for the Greenpoint Coal Docks, Inc. property seized by the United States in December 1947 (see attachment 4).
- i. Does GSA administer portions of the bed of Newtown Creek that are owned by the United States (see attachment 5).

2. Future EPA Communications: If GSA requests that future communications from EPA regarding the Site be sent to particular individual or office, provide the name, address, telephone number, e-mail address and capacity of such individual or office.

Section 2.0 Owner/Operator Information

3. Provide a brief summary of the relationship to the Facility by agencies or instrumentalities of the United States, including GSA, and by private companies deriving rights through such agencies or instrumentalities. Please address the following:
 - a. Identify the agencies or instrumentalities of the United States that acquired and disposed of the title to the Facility, including dates of acquisition and disposition;
 - b. Identify the agencies or instrumentalities of the United States that constructed the facilities and identify the portions of the Facility that were constructed in accordance with plans and specifications developed by the Aluminum Company of America and portions that were constructed in accordance with plans and specifications developed by the United States;
 - c. Identify and provide a copy of all leases, permits or other rights to use granted by the United States to other Governmental agencies or instrumentalities, including, without limitation, the United States Navy;
 - d. Describe the extent of the United States involvement in directing production at the Facility, including procurement or purchase of plant and equipment and raw materials while the facility was leased to Aluminum Company of America;
 - e. Did the United States issue performance specifications for materials produced at the Facility and did the United States have personnel at the Facility overseeing or accepting or rejecting any portion of the work or production at the Facility. If yes, provide a copy of any specifications and identify the number, functions, and titles and associated governmental agency of such personnel;
 - f. Identify all products produced at the Facility that were purchased by the United States;
 - g. Describe all production processes conducted at the Facility by the Aluminum Company of America and provide a schematic diagram of such production. Identify all waste streams in the production process; and
 - h. Identify all private entities, including without limitation, the Aluminum Company of America, deriving any right to operate the Facility or any portion thereof, directly or indirectly through the authority of the United States. Provide a copy of the applicable leases or other authorizing documents.
4. Litigation and Administrative Activity:
 - a. Has GSA or the United States on behalf of GSA been a party to any litigation, whether as plaintiff or defendant, where an allegation included liability for contamination of or from the Facility, any Other Newtown Creek Property or any other facility within 1,000 feet of Newtown Creek (whether or not owned or operated by GSA)? If yes, identify such litigation and its disposition, briefly describe the nature of GSA's involvement in the litigation and provide a copy of the pleadings and any final order.
 - b. Has GSA or the United States, on behalf of GSA been identified by the U.S.

Environmental Protection Agency or by any New York State or New York City agency as a party responsible for environmental contamination with respect to a facility located within 1,000 feet of Newtown Creek? If yes, state GSA's understanding of the basis for such notice of responsibility and provide a copy of any correspondence, orders or agreements between GSA and the governmental agency.

5. Ownership or Operation of Newtown Creek: At the present time or at any past time, has the United States, through administration of GSA or its predecessors:
 - a. Owned any portion of Newtown Creek or wetlands associated with Newtown Creek either in connection with the Facility or not in connection with the Facility?
 - b. Asserted control or exclusive rights to use any area of Newtown Creek or wetlands associated with Newtown Creek, for any purpose including, without limitation, dredging, filling, construction, maintenance or repair of any facility located in the waters, the associated wetlands or sediments, including, by way of example, bulkheads, rip rap, pipes, wharfs, piers, docking, loading or unloading facilities, cranes or over-water facilities.
 - c. If the answer to either subparagraph "a" or "b" of this paragraph is yes, please identify the areas owned or controlled, or over which GSA has a right to use, provide an explanation of how and from whom GSA acquired such ownership or control, provide a copy of all title documents, leases, permits or other instruments where such right was derived, and describe all activities conducted pursuant thereto.
6. Operations In, Under or Over the Waters or On the Sediments of Newtown Creek:
 - a. Describe all activities at the Facility that were conducted over, on, under, or adjacent to, Newtown Creek.
 - b. Has GSA, or predecessor agencies, at any time, constructed or operated any facility in or over the waters or on the sediments of Newtown Creek, including any bulkheads, rip-rap, pipes wharfs, piers, docking, loading or unloading facilities, containment booms, cranes or other on-water or over-water facilities.
 - c. Has GSA, or predecessor agencies, at any time constructed, operated or utilized any facility under the waters or sediments of Newtown Creek, including without limitation pipes, pipelines, or other underwater or under sediment facilities.
 - d. If the answer to subparagraph "b" or "c" of this paragraph is yes, please provide details including the facilities constructed or operated, the dates of such construction, and operation and the nature of such operation. Please state whether any such activities were conducted pursuant to a permit, and provide a copy of any such permit.
 - e. Provide a summary of over-water activities conducted at the Facility, including but not limited to, any material loading and unloading operations associated with vessels, materials handling and storage practices, ship berthing and anchoring, ship fueling, cleaning, maintenance, or repair.

- f. Utilized barges, tankers or other ships in any operations on Newtown Creek and, if so, provide details. With respect to barge, tanker and shipping operations:
 - i. Identify all products and raw materials transferred to or from barges, tanks and ships and the dates of such operations;
 - ii. Describe the method of transfer to and from barges or other ships during all periods of such activities;
 - iii. Identify the types of barges or ships utilized and where at the Facility barges or ships were moored;
 - iv. Describe barge, tanker or other ship repair or maintenance activities, if any;
 - v. Describe barge, tanker or other ship cleaning operations, if any, including the cleaning methods that were used, how cleaning waste was handled; and
 - vi. Describe spill prevention controls that were utilized in delivery or pick-up of materials.
 - g. State whether any of the operations required to be identified above resulted in disposal or spillage of any materials into Newtown Creek or the re-suspension of any sediments of Newtown Creek. If the answer is a "yes" please provide details and documentation of such events.
7. Identify each and every Other Newtown Creek Property (see Definition number 9.b for "Other Newtown Creek Property"), that GSA presently or previously owns (or owned), leases (or leased), manages (or managed), operates (or operated), controls (or controlled), or otherwise has or had rights to use, manage or operate, within the area extending one-thousand feet from the shoreline of Newtown Creek (Definition number 1 above defines "Newtown Creek" to include all tributaries or branches of Newtown Creek).

Section 3.0 Description of the Facility

8. Provide the following information for the Facility, including a description responsive to each question and depictions by map, drawing, survey or otherwise:
- a. historic photographs, including without limitation, aerial photographs, photographs showing construction, industrial or commercial processes, sanitary and storm sewer systems, outfalls, indoor and outdoor storage of materials or products, and photographs during construction;
 - b. all surveys and drawings of the Facility in your possession showing configurations of the Facility;
 - c. sanitary sewer system information, including drawings, sewer easements, surveys or maps showing location and configuration of sewer systems;
 - d. storm water sewer system information, including drawings, surveys or maps showing location and configuration;
 - e. all below-ground structures, including, pipes, pipelines, sumps, wells, dry-wells and other structures for storage or conveyance of solid, gaseous or liquid

materials, whether above ground or below ground , and whether owned or operated by you or by another;

- f. all above-ground structures, including buildings and including all facilities for storage or transport of solid, liquid or gaseous materials, whether owned or operated by you or by another;
 - g. all over-water or in-water facilities (e.g., piers, docks, cranes, bulkheads, pipes, treatment facilities, containment booms, etc.);
 - h. all treatment or control devices for all media and pursuant to all environmental laws and regulations (e.g., surface water, air, groundwater, hazardous waste, solid waste, etc.);
 - i. groundwater wells, including drilling logs;
 - j. information related to any other outfalls, ditches, direct discharge facilities or other conveyance features and any discharges associated therewith; and
 - k. For all items identified in subparagraphs e, f, g, h, i, or j, locate each such item on a Facility map or plan.
9. For each permit issued by Federal, state or local governmental authorities, identify the activity permitted, the agency or governmental authority issuing the permit and provide a copy of the permit and any reports required to be generated by the permit.
10. Construction of Bulkheads and Placement of Fill at the Facility:
- a. Describe the construction of the bulkhead on Newtown Creek erected by the Defense Plant Corporation in the development of the Facility and provide documentation available to GSA relating to the construction of the bulkhead (see attachment 6, pages NEWT 0020033, 0020034, 0020039 and 0020040 and attachment 7, pages NEWT 0090960 and 0090964).
 - b. Identify land filling and grading operations at the Facility during the development of the Facility by GSA predecessor agencies, or at any time thereafter. Identify on a Facility map areas where the fill was placed, the lateral extent of the fill and the depth of the fill, the source of the fill. State whether the fill has ever been characterized, either before placement or thereafter and, if so, provide a copy of the sampling/characterization results. If the fill was obtained from the Facility, identify the prior operator of that portion of the Facility and the nature of the business conducted by such prior operator (see attachment 6, pages NEWT 0020033).
 - c. Were any portions of the Facility historically part of Newtown Creek or did the Facility formerly include any marshlands or wetlands associated with Newtown Creek. Please depict any such areas on a survey, drawing or schematic. Please provide your understanding of who filled any such wet areas, the approximate date of such fill, and the lateral extent and depth of such fill, the source of the fill, the composition of the fill and, if any sampling has ever been done of such filled areas, provide a copy of the sampling results (see attachment 6, pages NEWT 0020033).

11. Provide a copy of all reports, information or data you have related to soil, water (ground and surface), or air quality and geology/hydrogeology at and about the Facility. Provide copies of all documents containing such data and information, including both past and current aerial photographs as well as documents containing analysis or interpretation of such data.
12. Double Barrel Sewer and Other Sewer Infrastructure: Provide the following information regarding any current or former sewer or storm sewer lines or combined sanitary/storm sewer lines, drains, or ditches discharging into Newtown Creek from the Facility, including specifically, and without limitation, the double barrel sewer draining into Maspeth Creek from the Facility (see attachment 8, page NEWT 0004301 and attachment 7, page NEWT 0090960).
 - a. the location and nature of each sewer line, drain, or ditch;
 - b. the date of construction of each sewer line, drain, or ditch;
 - c. identify and provide copies of all sewer easements affecting the Facility (see reference to sewer easements on attachment 9, page NEWT 0041366);
 - d. identify all drains at the Facility, interior and exterior, that were tied in to the double barrel sewer, and identify the processes producing wastes that were disposed of through connections to the double barrel sewer;
 - e. whether each sewer line, drain, or ditch drained any hazardous substance, waste, material or other process residue to Newtown Creek; and
 - f. provide documentation regarding but not limited to the following on any and all outfalls to Newtown Creek which are located within the boundaries of the Facility. Your response should include, but not be limited to:
 - i. whether the Facility is serviced by or otherwise drains or discharges to the outfalls and, if so, the source of the outfall;
 - ii. the identify of upland facilities serviced by the outfalls;
 - iii. the upland geographic area serviced by the outfalls; and
 - iv. the type of outfall (i.e., storm water or single or multiple facility outfall).
13. Connections to New York City sewer system (see attachment 6, page NEWT 0020035).
 - a. State whether the Facility was connected to the New York City sewer during GSA's ownership or operation, and the date that the Facility was first connected;
 - b. State whether the Facility has ever discharged liquid wastes other than through the New York City sewer system and, if so, provide details on such discharges;
 - c. State whether the Facility participated in the New York City pretreatment program, whether GSA has ever been classified as a significant industrial user, whether GSA has ever been in violation of sewer use requirements or permits or received any notices of violation relating to use of the New York City sewer system;
 - d. Provide any information detailing the volume of liquids discharged to the sewers and the nature of the discharges including analytical data detailing the makeup of the discharged liquids;

- e. Provide copies of all permits and permit applications for Industrial Wastewater discharge permits;
- f. Provide copies of all notices of violations, correspondence, hearing transcripts and dispositions relating to GSA's use of the New York City sewer system;
- g. Copy of Baseline Monitoring Reports submitted to NYC in connection with GSA's application for an industrial wastewater discharge permit;
- h. Copies of all surveys, reports or analyses delineating or characterizing GSA's liquid wastes;
- i. Copies of all periodic monitoring reports for wastes discharged through the sewer system; and
- j. Copies of all invoices from NYC or the NYC Water Board for water and/or wastewater charges including any wastewater allowances.

Section 4.0 Activities at the Facility

14. Describe the operations or activities at the Facility while the Facility was owned by GSA or predecessor agencies or instrumentalities of the United States. If the products or processes, operation or business activity changed over time, please identify each separate operation or activity, the dates when each operation or activity was started and, if applicable, ceased.

15. Was coal stored or combust at the Facility during the time of its ownership or operation by instrumentalities of the United States? If your answer is yes, please respond to the following requests for information in such period:
 - a. Identify the purposes for such coal storage or combustion, including if used in energy production, the processes in which the energy was used at the Facility;
 - b. State the means by which the shipments of coal were delivered to the Facility, whether by barge, rail, truck or other, and identify the shipper and the vendor. Describe how the coal was received at the Facility and transported to storage facilities;
 - c. Identify the volume of coal received at the Facility, the type or types of coal (i.e. bituminous, anthracite, etc.) received and consumed on an annual basis during the period;
 - d. Describe the means of storage of coal at the Facility, including whether the Facility employed coal pockets or other storage areas, the dimensions and volume of such storage facilities, and whether such storage was indoors or outdoors and covered or uncovered. Identify on a Facility map or diagram the location of the coal storage facilities. Describe the means of transport of the coal from the storage facilities to the combustion point; and
 - e. Identify how the coal ash was managed including the location and storage facilities for the coal ash and whether it was stored indoors or outdoors, covered or uncovered, the means of conveying the ash to the on-site storage facilities, the location of the storage facilities, and, if sent for disposal, identify the disposal

companies. State whether the ash was ever used at the Facility, whether as fill or for any other purpose, or if it was in any other manner disposed of at the Facility and, if so, describe the circumstances and identify the areas of disposal on a Facility map.

16. For periods when the Facility was owned or operated by an instrumentality of the United States, describe the receipt and storage of chemicals, raw materials, intermediary product, fuel and final product at the Facility. For each question, identify the time period covered by your response.
- a. Identify chemicals acquired for use at the Facility including the identification of each such chemical, the purpose for which it was used and the method and location of use and storage at the Facility. Describe all processes for which each such chemical was used at the Facility. Please provide Material Data Safety Sheets for each such chemical. Identify all spills, emissions, discharges and releases of any such substances at or from the Facility.
 - b. Identify metals and metal compounds (including but not limited to raw materials including ore, copper, scrap, byproducts, ash, wastewater and wastes containing metals or metal compounds but not including metals as components of structures or equipment) acquired for use at the Facility and the method and location of use and storage at the Facility. Please provide Material Data Safety Sheets for each such chemical. Identify all spills, emissions, discharges and releases of any such substances at or from the Facility.
 - c. For polychlorinated biphenyls ("PCBs"): Identify any PCBs previously or currently used or otherwise present at the Facility. Please address PCBs in transformers and associated equipment in each of the buildings at the facility, including those housing the rectifier station, the aluminum plant pot rooms, carbon rodding buildings, carbon unloading, metal service, the Transformer Service facility, the Transformer Oil pump house, High Tension Yard, ore unloading, and other areas at the Facility (see references to transformers in buildings in attachment 7 starting at page NEWT 0090947, see description of building 30 (Transformer service) and 30A (Transformer Oil Pump House) at page NEWT 0090953 and the list of transformers at page NEWT 0090976). Please also address, to the extent that you have records, PCBs in (i) plasticizers, fire retardants, paints, water-proofing, railroad ties, heat stabilizing additives for adhesives, and other materials; (ii) PCBs in capacitors, vacuum pumps, hydraulic systems, and other devices; and (iii) PCBs in raw materials, wastes, wastewater, scrap, and byproducts). Identify any PCB testing done on such materials; and the method and location of use, storage and other handling of PCBs at the Facility (see attachment 10, page NEWT-0041399 re servicing of transformers and dielectric fluids in the High Tension Yard). Identify all spills, emissions, discharges and releases of any PCBs at or from the Facility. Please provide any Material Safety Data Sheets for PCBs at the Facility.

17. For periods when the Facility was owned or operated by an instrumentality of the United States, describe how wastes transported off the Facility for disposal or treatment were handled, stored, and/or treated prior to transport to the disposal facility.
18. For periods when the Facility was owned or operated by an instrumentality of the United States, describe the cleaning and maintenance of the equipment and machinery involved in operations at the Facility including but not limited to:
 - a. materials used to clean or maintain equipment and machinery and to clean spills;
 - b. the monthly or annual quantity of each such material used;
 - c. the methods used to clean up those spills;
 - d. where the materials used to clean up those spills were disposed of; and
 - e. provide copies of all records of such cleaning and maintenance including internal records and records from any outside vendor for such services.
19. For periods when the Facility was owned or operated by an instrumentality of the United States, identify wastes disposed into drains at the Facility, including but not limited to:
 - a. the nature and chemical composition of each type of waste;
 - b. the approximate quantity of those wastes disposed by month and year;
 - c. the location to which these wastes drained (e.g. Facility drains to Newtown Creek, sheet flow to Newtown Creek, septic system or storage tank at the Facility, oil-water separator, pre- treatment plant, New York City sewer system); and
 - d. whether and what pretreatment was provided.
20. For periods when the Facility was owned or operated by an instrumentality of the United States, identify each fixed above-ground storage tank and each fixed below-ground storage tank that is or was situated on the Facility. For each tank, identify the date of installation, the dates and nature of major modifications, and description or drawings of tanks, identity of contents that have been stored in the tank both before (if known) or during, and the practices of cleaning at the time of any change in items stored, and the manner of ultimate disposal of wastes from the tank. Identify procedures for addressing spills from the tanks and identify all spills that have occurred during GSA's ownership of the Facility. Provide a copy of all permits relating to the tank and provide a copy of all Navy written manuals or procedures, including manuals that have been superseded by newer manuals or procedures, addressing use and maintenance of such tanks.
21. For periods when the Facility was owned or operated by an instrumentality of the United States, identify each pipeline serving the Facility that is or was situated on the Facility property (either above- or below- ground). For each pipeline, identify the owner and the operator for the pipeline and the owner or operator of the pipeline to which such segment is connected, and provide a copy of all permits relating to the pipeline on the Facility, the date of installation, all materials transported to the Facility through the pipeline.

Section 5.0 Permits

22. For periods when the Facility was owned or operated by an instrumentality of the United States, provide a list of all local, state and federal environmental permits which have been applied for or issued to GSA with respect to the Facility for any media (e.g., water (including SPDES and NPDES, NYC sewer permit, Industrial Pretreatment Program permit or any other wastewater discharge related governmental authorization or notice), excavation and fill in navigable waters, dredging, tidal wetlands, air, solid waste or hazardous waste, bulk storage, industrial wastewater, etc.) under any environmental statute or regulation. Provide a copy of each federal and state permit, the applications for each permit.

Section 6.0 Facility Releases, Investigations and Remediation

23. For the period of ownership or operation by GSA or predecessor instrumentalities of the United States, identify all leaks, spills, or releases into the environment of any waste, including hazardous substances, pollutants or contaminants, industrial waste or petroleum that have occurred at or from the Facility. In addition, identify and provide copies of any documents regarding:
- a. the date of each releases;
 - b. how the releases occurred, e.g. when the substances were being stored, delivered by a vendor, transported or transferred (to or from any tanks, drums, barrels, or recovery units), and treated;
 - c. the identity of the material released and the amount of each released;
 - d. where such releases occurred;
 - e. activities undertaken in response to each such release or threatened release, including the notification of any agencies or governmental units about the release and the remediation and the regulatory disposition concerning such release; and
 - f. identify all fires, explosions or other similar events that have occurred at the Facility during GSA's ownership or operation that required response either by a Facility employee or a New York City responder or that was the subject of a subsequent investigation by a New York City agency. Identify the location on a Facility map where each of the events occurred and identify the items that were combusted in whole or part, including, without limitation, hazardous substances, pollutants or contaminants, industrial waste or petroleum. Provide a copy of all reports of the event, whether such reports are GSA's private reports or are public reports in GSA's possession.
24. Has any contaminated soil ever been excavated or removed from the Facility? If your answer is yes, identify and provide copies of any documents regarding:
- a. Reason for soil excavation;
 - b. location of excavation presented on a map or aerial photograph;
 - c. manner and place of disposal and/or storage of excavated soil;

- d. dates of soil excavation and amount of soil excavated;
 - e. all analyses or tests and results of analyses of the soil that was removed from the Facility;
 - f. all confirmatory analyses or tests and results of analyses of the excavated area after the soil was excavated and removed from the area; and
 - g. all persons, including contractors, with information about (a) through (f) of this question.
25. Is GSA aware of any spill, leak, release or discharge of a hazardous substance, industrial waste, or other waste material from the Facility into Newtown Creek from any equipment, structure, or activity occurring on, over, or adjacent to the Creek during its period of ownership or operation by GSA or any predecessor agency? If your answer is "yes", identify such spill, leak, release or discharge and provide copies of any documents relating to same.
26. Is GSA aware of any soil, water (ground or surface), sediment, geology, and hydrology or air quality investigation on or about the Facility? Provide copies of all data, reports, and other documents that were generated by or through GSA or any predecessor agency/

Section 7.0 Compliance with this Request and Financial Information

27. Persons and Sources Consulted in Your Response: Identify all persons, other than counsel, that GSA consulted, and all sources that GSA reviewed in responding to this request, including, but not limited to:
- a. the names of persons consulted, the contact information for such person, and if the person is a current or former employee, the job title and responsibilities for such persons and the dates of employment, and identify which questions the person was consulted about; and
 - b. a description and the location of where all sources reviewed are currently located and the questions to which such sources relate.
28. Identify all individuals who currently have and those who have had responsibility for GSA's environmental matters at the Facility (e.g. knowledge of or responsibility for disposal, treatment, storage, or recycling of wastes) at the Facility. Also provide each individual's job title, duties, dates performing those duties, supervisors for those duties, current position or the date of the individual's resignation, and the nature of the information possessed by such individuals concerning waste management at the Facility.

CERTIFICATION OF ANSWERS TO REQUEST FOR INFORMATION
NEWTOWN CREEK SUPERFUND SITE

State of _____:

County of _____:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document (response to EPA Request for Information) and all documents submitted herewith, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete, and that all documents submitted herewith are complete and authentic unless otherwise indicated. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I am also aware that GSA is under a continuing obligation to supplement its response to EPA's Request for Information if any additional information relevant to the matters addressed in EPA's Request for Information or my Navy's response thereto should become known or available to GSA.

NAME (print or type)

TITLE (print or type)

NAVY NAME

SIGNATURE

Sworn to before me this _____ day of _____, 201__

Notary Public

My commission expires: _____

[STAMP OR SEAL]

ATTACHMENT 1

DEFENSE PLANT CORPORATION
Washington, D. C.

RECEIVED *file*

MAR 9 1945

STANDBY FACILITIES
Office of
A. M. Daniels

November 25, 1944

Navy Department
Bureau of Yards & Docks
Washington, D. C.

Gentlemen:

Re: Plancor 226-A1

Reference is made to the undated letter from the Bureau of Ships confirming conference of October 13, 1944, with our representatives advising that the Bureau of Ships, Navy Department, desires to arrange for the use and occupancy of all of the Defense Plant Corporation aluminum plant and facilities located at Maspeth, Long Island, New York, with certain exceptions, as an extension of the Brooklyn Navy Yard for the purpose of reconditioning guns, ordnance and other equipment. You further advised that the space now being used by the Navy Yard, being the buildings known as Carbon Rodding Buildings Nos. 32 and 32A, for processing diesel engine parts will be continued to be used for this purpose.

Preliminary negotiations have been had with representatives of the Navy Department, the Aluminum Company of America (hereinafter called "Alcoa") which is presently in possession of the plant pursuant to the terms of that certain Agreement of Lease dated August 19, 1941, as supplemented, and members of our Washington and New York staffs to permit the Navy Department to assume possession of the plant promptly and to take complete control and custody of the entire plant and facilities, except:

- (a) Potroom Buildings Nos. 16 and 18; Rectifier Station Buildings Nos. 1 and 1A; Metal Service Building No. 34 until after the completion of the DPC auction sale to be held in said Building; and approximately one-half million square feet of vacant land at the north end of the plant site;
- (b) A triangular tract of land which has been conveyed to the Eugene B. Debs Memorial Radio Fund, Inc.; and a small portion of the site lying northeast of Page Place;
- (c) The oil house and garage which are to be used by the Thomas L. Crimmins Contracting Company until the completion of the plant clearance program, and the right reserved to Alcoa during such program to share in the use of the gasoline and oil storage tanks;

pending the definitive termination of the Alcoa-DPC lease and the execution of a lease agreement with the Navy Department. It is understood that the buildings to be made available to the Navy Department shall include as

an integral part thereof all overhead cranes. It is further understood that certain minor tracts or strips of land are subject to easements or rights of ingress or egress and are covered by an agreement between DPC and the City of New York, and Navy Department's possession of such strips will be subject to said agreements, easements or rights.

DPC as Owner and Alcoa as Lessee are willing to turn over to the Navy Department as of twelve o'clock noon on November 27, 1944, full custody and possession of the plant, subject to the understandings set forth in the minutes of a meeting between representatives of the Navy Department, Alcoa and DPC on November 10, 1944 (copy of which is attached) as modified by the terms of this letter and upon the following further general understandings:

1. From and after the date of delivery of custody and possession of the plant to the Navy Department it will, to the extent that the Navy Department has available appropriations therefor, (a) indemnify DPC against any liability to third persons accruing to DPC as owner of the plant for loss or damage to persons or property resulting from the use and occupancy of such plant by the Navy Department, its contractors, agents or employees, except insofar as DPC is compensated for such loss or damage by the receipt of insurance proceeds, and (b) indemnify Alcoa for any loss or damage to Alcoa's own property located within the plant boundaries resulting from any wrongful acts or negligence on the part of the Navy Department, its contractors, agents or employees, except insofar as Alcoa is compensated for such loss or damage by the receipt of insurance proceeds.
2. Until the inventory and plant clearance programs being carried on by Alcoa have been completed and the auction sale held in Metal Service Building No. 34, the guard force of Alcoa will be retained for the protection of the plant boundaries and other direct interests of DPC and Alcoa which are not to be taken over by the Navy Department under its proposed lease. The Navy will be free to place its own plant protection force at any place within the plant that it deems such force necessary for the protection of its interests and, if necessary, to place its guards jointly with the Alcoa guard force at any point. The Agent of DPC at New York and the Alcoa Works Manager at New York are authorized to decide by mutual agreement with the proper Navy Department representative questions which may arise regarding plant security.
3. From and after the date of delivery of custody and possession of the plant to the Navy Department, the Navy Department will have sufficient fire guards employed for the protection of the

premises and will as of such date assume full and complete responsibility for such protection. Alcoa shall be relieved from this responsibility as of the date of delivery of custody and possession of the plant to the Navy Department.

- ✓ 4. The Navy Department will assume as of the date it takes custody and possession of the plant all plant maintenance and Alcoa shall be relieved of this responsibility as of such date. Maintenance by the Navy Department shall include, but without limitation, the operation of the entire heating system, the supplying of heat to the two rectifier station buildings, the supplying of power for the circuit breaker heating elements, and the maintenance of the emergency lighting system.
5. The crane rectifiers located in Buildings 1 and 1A will be removed and placed in suitable covered locations, or enclosed in segregated enclosures in their present locations, as may be jointly agreed upon between DPC and the Navy Department.
6. Paragraph 6 of the attached copy of the minutes of the meeting of November 10, 1944, is hereby amended to read:

"DPC shall determine from time to time the equipment located at the plant that is available for sale to the Navy Department, after consultation with Alcoa regarding the equipment which it or the Thomas L. Crimmins Contracting Company will require in connection with the plant clearance program."
7. The Navy Department from and after the date it assumes custody and possession shall exercise due care to protect DPC property. In the event of loss or damage to any property of DPC caused by negligence of the Navy Department, its contractors, agents or employees, the cost of all necessary repairs or replacement shall be paid by the Navy Department.
- ✓ 8. Since DPC will make no charge to the Navy Department for the use and occupancy of the plant, other than (a) charges for all taxes, assessments and similar charges which at any time during the term of the Navy Department's occupancy and use of the premises may be taxed, assessed or imposed upon DPC with respect to or upon the plant site or the buildings and machinery therein, and (b) such other charges or obligations as the Navy Department has assumed herein and which may be incorporated in the definitive lease agreement, the Navy Department shall reimburse DPC for all costs and expense incurred by DPC incident to clearing the plant and otherwise making it available for the use and occupancy of the Navy Department. The use and occupancy of the plant by the Navy Department shall terminate when substantial use of the plant by the Navy Department is no longer needed for the prosecution of the present wars in which the United States is engaged.

It is understood that the Navy Department will take over such of the personnel at the plant as properly qualify for Navy employment, but that the Navy Department or its representatives will not interview any employee of Alcoa until it has been notified by Alcoa in writing that the particular employee's services are no longer needed in the plant clearance program. Where it is desirable, it is understood that the Navy may interview Alcoa employees to make arrangements to hire such employees at a future date provided such date is agreed upon between Alcoa and the Navy Department.

Until DPC notifies the Navy Department that the Administration Building and other office space, telephone, and similar facilities are no longer principally required for the plant clearance program, the Administration Building and other office space, telephone, and similar facilities shall be under the control and custody of Alcoa in order that the various activities can be carried on without undue interference or misunderstandings.

It is understood that the foregoing interim understanding is to enable the Navy Department to assume possession of the plant and facilities, with the exceptions noted, promptly, and that a definitive lease agreement mutually satisfactory to DPC and to the Navy Department will be negotiated as soon as possible. It is further understood that the existing lease of such plant to Alcoa will be terminated upon terms and conditions mutually satisfactory to DPC and Alcoa as soon as possible, and that Alcoa will use its best efforts to remove the potlines from the property in accordance with the schedule set forth in paragraph No. 7 of the attached minutes of meeting dated November 10, 1944.

This letter has been signed in triplicate. If the foregoing is satisfactory kindly indicate the Navy Department's approval and acceptance on the three signed counterparts herof and forward such three counterparts to Mr. I. W. Wilson, Vice President, Aluminum Company of America, 801 Gulf Building, Pittsburgh, Pennsylvania, for the approval of Alcoa if satisfactory. Mr. Wilson should be asked to notify this office by telegram or telephone as soon as the letter agreement has been approved by Alcoa and thereafter to forward one fully signed and approved copy to this office and another copy to the Navy Department.

Very truly yours,

(Signed) Hans A. Klagsbrunn

Hans A. Klagsbrunn
Exec. Vice President

Approved for Aluminum Company of
America this 27 day of November, 1944.

(Signed) I. W. Wilson
Vice President

Approved and accepted on behalf of
the Navy Department this 25 day of
November, 1944.

(Signed) John J. Courtney

Authorized Officer

By direction of the Chief of the Bureau of Yards and Docks
acting under the direction of the Secretary of Navy.

ATTACHMENT 2

81 PL 606, National Military Establishment Lands Act of 1950
81 Congr Ch. 456
64 Stat. 325

64 STAT.] 81ST CONG., 2D SESS.—CHS. 454-456—JULY 10, 11, 1950

325

(b) Moneys appropriated to the Departments of the Army, Navy, or Air Force for procurement of technical military equipment and supplies, the construction of public works, and for research and development, including moneys appropriated to the Department of the Navy for the procurement, construction, and research and development of guided missiles, which are hereby authorized for the Department of the Navy, shall remain available until expended unless otherwise provided in the appropriation Act concerned.

LIMITATION OF AUTHORITY

SEC. 304. Nothing contained in this Act shall be construed to authorize the Department of Defense to expend any money appropriated pursuant to authority conferred by this Act for the design or development of any prototype aircraft intended primarily for commercial use.

Approved July 10, 1950.

[CHAPTER 455]

JOINT RESOLUTION

Transferring the plaster cast of the statue of George Washington from the United States Capitol to the Smithsonian Institution.

July 11, 1950
[S. J. Res. 171]
[Public Law 606]

Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the plaster cast of the statue of George Washington, now located in the rotunda of the United States Capitol, executed by William J. Hubbard from the original statue in marble by Jean Antoine Houdon, be, and the same is hereby, transferred to the custody of the Smithsonian Institution, and the Architect of the Capitol is authorized and directed to effect the actual transfer of such statue from the United States Capitol to the Smithsonian Institution.

Approved July 11, 1950.

[CHAPTER 456]

AN ACT

To authorize the Departments of the Army, Navy, and Air Force to participate in the transfer of certain real property or interests therein, and for other purposes.

July 11, 1950
[H. R. 5366]
[Public Law 606]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

National Military
Establishment Lands
Act of 1950.

SHORT TITLE

That this Act, divided into titles and sections according to the following table of contents, may be cited as the "National Military Establishment Lands Act of 1950".

TABLE OF CONTENTS

TITLE I—NAVY EASEMENTS

- Sec. 101. (a) City of New York (New York Naval Shipyard).
(b) Southern Counties Gas Co. of California (Camp Joseph H. Pendleton, Calif.).
(c) Carteret-Craven Electric Membership Corp. (Cherry Point, N. C.).
(d) State of Missouri (Lambert Field, Mo.).
(e) Atchison, Topeka & Santa Fe Railroad Co. (Camp Joseph H. Pendleton, Calif.).
(f) Virginia Electric & Power Co. (Marine Corps Barracks, Quantico, Va.).
(g) Johnson County, Kans. (naval air station, Olathe, Kans.).

- (h) State of California (naval auxiliary air station, Miramar, Calif.).
- (i) State of Oregon (naval air station, Tillamook, Oreg.).
- (j) County Sanitation District No. 2, Los Angeles County, Calif. (naval fuel annex, San Pedro, Calif.).
- (k) City of Warren, Ohio (Trumbull County, Ohio).
- (l) Public Service Co. of Indiana, Inc. (naval ammunition depot, Crane, Ind.).

TITLE II—ARMY EASEMENT

- Sec. 201. San Diego and Arizona Eastern Railway Co. (Fort Emory Military Reservation, Calif.).

TITLE III—MISCELLANEOUS LAND TRANSFERS

- Sec. 801. Navy Department (Plancor 226-A1, Maspeth Annex, New York Naval Shipyard—Reconstruction Finance Corporation).
- Sec. 302. Navy Department (Naval Training Station, Great Lakes, Illinois—Veterans' Administration).
- Sec. 303. Luz, Maria, and Raquel Porrata Doria (Celba, Puerto Rico—Navy).
- Sec. 304. Navy Department (Plancor 1931, Industrial Plant Facilities, St. Paul, Minn.—War Assets Administration).
- Sec. 305. Carolina-Virginia Coastal Highway Corporation (Target Site No. 12, North Carolina—Navy).
- Sec. 306. Department of the Army (Denver Medical Depot—Veterans' Administration).
- Sec. 307. Department of the Air Force (Camp Phillips Military Reservation, Kans.—Veterans' Administration).
- Sec. 308. Navy Department (Oahu Cemetery Association, Hawaii).

TITLE I—NAVY EASEMENTS

SEC. 101. The Secretary of the Navy is hereby authorized to grant, under such terms and conditions as he may deem appropriate, a perpetual easement, in the lands or portions thereof hereinafter mentioned (metes and bounds description of which are on file in the Navy Department), to—

(a) The city of New York for public highway purposes in, over, and across a parcel of land containing twenty-nine one-hundredths acre, more or less, lying between the New York Naval Shipyard, Hudson Avenue and York Street in the Borough of Brooklyn, city of New York.

(b) The Southern Counties Gas Company of California in, over, and across a parcel of land five feet in width within Camp Joseph H. Pendleton, Oceanside, California, for purposes of laying and constructing a twelve-and-three-quarter-inch gas pipe line for transporting and conveying natural gas only and for purposes of maintaining, repairing, operating, using, replacing, and removing said line.

(c) The Carteret-Craven Electric Membership Corporation of North Carolina in, over, and across three segments of land at the United States Marine Corps Air Base, Cherry Point, North Carolina, containing seventy-nine one-hundredths, one and sixty-seven one-hundredths, and nineteen one-hundredths acres, respectively, for purposes of constructing, maintaining, operating, and repairing electric transmission lines, including the necessary poles and fixtures.

(d) The State of Missouri for public highway purposes in, over, and across two parcels of land situated within the boundaries of the United States naval air station, Lambert Field, Saint Louis County, Missouri, one of said parcels being south of and contiguous to Natural Bridge Road, and the other north of and contiguous to said Natural Bridge Road, each containing four-hundred-twenty-two one-thousandths, and two and forty-nine one-thousandths acres, respectively: *Provided*, That said grant shall contain an express reservation on behalf of the United States that the rights granted will not interfere with the operation and maintenance of existing utility and drainage

lines or the pedestrian underpass serving said naval air station or with that portion of the station's reservoir located on said lands: *Provided further*, That said grant shall be made subject to the rights of the city of Saint Louis as reserved in its deed to the United States dated February 24, 1941.

(e) The Atchison, Topeka and Santa Fe Railroad Company for purposes of constructing, maintaining, operating, and repairing telephone and signal lines and appurtenances in, over, and across the right-of-way area at Camp Joseph H. Pendleton, Oceanside, California, now occupied by said company for such purposes under a revocable permit from the Navy Department, in exchange for the grant of a perpetual easement by the Atchison, Topeka and Santa Fe Railroad Company to the United States for purposes of constructing, maintaining, operating, and repairing an access road, including a viaduct or overpass over the said company's railroad tracks, within a right-of-way area at Camp Joseph H. Pendleton now occupied by the Navy Department under a permit from the said company.

(f) The Virginia Electric and Power Company for purposes of constructing, maintaining, operating, and repairing electric transmission lines, including poles, cables, and other fixtures necessary or convenient for the transmission of electric current, in, over, and across a parcel of land one hundred feet in width, more or less, within the boundaries of the United States Marine Corps Barracks, Quantico, Virginia, in exchange for the conveyance to the United States by the said company of all of its right, title, and interest in and to the right-of-way area within the boundaries of the said Marine Corps barracks heretofore occupied by the said company but which was vacated by the said company in order to relocate its facilities to meet Navy Department requirements.

(g) Johnson County, Kansas, for public highway purposes in, over, and across a parcel of land ten feet in width and one thousand three hundred twenty-five and seventy-eight one-hundredths feet in length, lying within and along the westerly side of Flying Field Numbered Two, United States Naval Air Station, Olathe, Kansas.

(h) The State of California for public highway purposes in, over, and across a strip of land thirteen thousand seven hundred ninety-five and thirty-four one-hundredths feet long, more or less, and varying in width, together with an adjacent strip of land sixty feet wide and four hundred and twenty feet long, more or less, running westward to Mission Road, containing in all, sixty-one acres, more or less, metes and bounds description thereof being on file in the Navy Department.

(i) The State of Oregon or its agency, the highway commission of said State, for public highway purposes in, over, and across a strip of land forty feet in width running along the westerly boundary of the United States Naval Air Station, Tillamook, Oregon.

(j) County Sanitation District Numbered 2 of Los Angeles County, California, for sewer purposes, including the right to lay, construct, maintain, reconstruct, use, and operate a sewer line in, over, and across a twenty-foot strip of land within the United States Naval Fuel Annex, San Pedro, California: *Provided*, That in addition to such other terms and conditions as the Secretary of the Navy may deem proper, the grant shall provide that the said sewer line shall be at a depth of not less than seventy feet below the surface of the ground and that there shall be no outlets to the surface within the limits of the said naval fuel annex.

(k) The city of Warren, Ohio, for sewer purposes, including the right to lay, construct, maintain, reconstruct, use, and operate a sewer line in, over, and across a ten-foot strip of land located in the city of Warren, county of Trumbull, Ohio.

(1) The Public Service Company of Indiana, Incorporated, for the construction, operation, patrolling, and maintenance of a one-hundred-thirty-two-kilovolt transmission line, including towers, wires, poles, anchors, guys, and fixtures, in, over, and across a strip of land one hundred feet wide and thirty-five thousand one hundred and ninety and two-tenths feet long at the United States Naval Ammunition Depot, Crane, Indiana, containing eighty and eight-tenths acres of land, more or less: *Provided*, That in addition to such other terms and conditions as the Secretary of the Navy may deem proper, the grant shall require payment by the grantee to the United States of a sum equal to the market value of the easement herein authorized.

TITLE II—ARMY EASEMENT

San Diego and Arizona Eastern Railway Company.

SEC. 201. The Secretary of the Army is hereby authorized to grant, under such terms and conditions as he may deem appropriate, a perpetual easement to the San Diego and Arizona Eastern Railway Company for railroad right-of-way purposes in, over, and across a strip of land comprising eight and forty-one one-hundredths acres, more or less, located near San Diego Bay and the northeasterly boundary of Fort Emory Military Reservation, California, in exchange for the relinquishment, to the United States, of all the said company's interest (including a right-of-way easement for railroad purposes), in a parcel of land comprising four hundred twelve and fourteen one-hundredths acres and forming a part of the Fort Emory Military Reservation, California, metes and bounds description of which parcels are on file in the Department of the Army.

TITLE III—MISCELLANEOUS LAND TRANSFERS

Maspeth Annex, New York Naval Shipyard.

47 Stat. 5.
15 U. S. C., Sup. III,
§ 601 *et seq.*
Ante, p. 81.

SEC. 301. Notwithstanding any other provision of law, the real property situated at 47-01 Grand Avenue, Maspeth, Long Island, New York, referred to as "Plancor 228-A1" and known as the Maspeth Annex, New York Naval Shipyard, containing approximately one hundred acres of land together with all improvements thereon, which was acquired by Defense Plant Corporation in accordance with authority contained in the Reconstruction Finance Corporation Act (15 U. S. C. 601-617), shall be transferred by General Services Administration to the Navy Department, without exchange of funds.

56 Stat. 766.
30 U. S. C. app.
§§ 1611-1614, 1615-1630,
1632-1646; Sup. III,
§ 1611 *et seq.*
Post, p. 683.

SEC. 302. Notwithstanding the provisions of the Surplus Property Act, 1944, as amended, the Administrator of Veterans' Affairs is authorized to transfer to the Navy Department, without exchange of funds, all of the lands at the naval training station, Great Lakes, Illinois, which the Navy Department now occupies under revocable permit from the Veterans' Administration, except the portion thereof which lies between the Elgin, Joliet and Eastern Railroad and Morrow Avenue, together with all improvements thereon; the specific area hereby authorized to be transferred comprising a parcel lying between the Elgin, Joliet and Eastern Railroad and Sheridan Road and a parcel lying north of Morrow Avenue.

Luz, Maria, and Raquel Porrata Doria.

SEC. 303. The Secretary of the Navy is hereby authorized to convey to Luz, Maria, and Raquel Porrata Doria a parcel of land, containing one and fifty-six one-hundredths acres, more or less, located in the municipality of Ceiba, Puerto Rico, metes and bounds description of which are on file in the Navy Department, said conveyance being hereby authorized in conformity with the election of said Luz, Maria, and Raquel Porrata Doria, under an alternative award of the court in condemnation proceedings pending in the United States District Court for Puerto Rico, to accept the conveyance of said parcel together with the payment of \$5,000 as just compensation for their lands taken by the United States in said proceedings.

SEC. 304. Notwithstanding any other provision of law, all right, title, and interest of Reconstruction Finance Corporation in the real property situated at 1902 West Minnehaha Avenue, Saint Paul, Minnesota, referred to as "Plancor 1931", and known as the (Northwestern Aeronautical) Industrial Plant Facilities, containing approximately fourteen and ninety-nine one-hundredths acres of land together with all improvements thereon, shall be transferred without exchange of funds, by General Services Administration to the Navy Department.

Northwestern Aeronautical Industrial Plant Facilities.

SEC. 305. The Secretary of the Navy is hereby authorized to convey to the Carolina-Virginia Coastal Highway Corporation, a municipal corporation created under the laws of the State of North Carolina, or to the State of North Carolina, a perpetual easement one hundred feet wide, in, over, and across a tract of land comprising one hundred seventy-four acres, which includes all land lying between the Atlantic Ocean and Currituck Sound for a distance of approximately three thousand three hundred feet north and south along the coast, referred to and known as target site number twelve and located approximately one mile north of Duck, North Carolina, and to accept in exchange therefor from Ray T. Adams, the conveyance of a leasehold interest in one hundred seventy-four acres of land which is a part of a larger parcel of land located at Corolla, North Carolina, and owned by the said Ray T. Adams, at such location upon said larger parcel of land and under such terms and conditions as may be determined and agreed upon by the Secretary of the Navy and the said Ray T. Adams: *Provided*, That the said Ray T. Adams shall erect, or shall have erected, at the option of the Secretary of the Navy, adequate substitute facilities without cost to the United States on such leasehold site as may be determined and approved by the Secretary of the Navy.

Carolina-Virginia Coastal Highway Corporation.

SEC. 306. The Administrator of Veterans' Affairs is hereby authorized and directed to transfer, without exchange of funds, to the Department of the Army, the following-described portion of the former Denver Medical Depot located in the city and county of Denver, Colorado:

Denver Medical Depot.

Beginning at the southwest corner of section 24, township 3 south, range 68 west, sixth principal meridian; running thence west along the south line of section 23 a distance of forty-seven and ninety-four one-hundredths feet to the east line of York Street; thence north along said east line of York Street a distance of five hundred and eighty-six feet to a point; thence east parallel to the south line of sections 23 and 24 a distance of four hundred and eight feet to a point on the east line of a certain building, designated as building numbered 3, extended; thence south along the east line of said building numbered 3, extended, a distance of one hundred and seventy feet to a point; thence east a distance of eight and five-tenths feet to a point; thence south parallel to the east line of York Street, a distance of four hundred and sixteen feet to a point on the south line of section 24; thence west along the south line of section 24 a distance of three hundred sixty-eight and fifty-six one-hundredths feet to the southwest corner of section 24, the point of beginning; containing five and fifty-seven one-hundredths acres.

Upon the transfer of the above-described portion of the former Denver Medical Depot to the Department of the Army, the Secretary of the Army is authorized to enter into such agreements as he may deem necessary, and under such terms and conditions as in his judgment will be in the public interest, with the lessee or ultimate purchaser of the surplus portion of the installation, for the joint use and operation of the water distribution system, sanitary and storm sewers, and the central heating plant.

Camp Phillips Military Reservation, Kans.

SEC. 307. The Administrator of Veterans' Affairs is hereby authorized and directed to transfer, without exchange of funds, to the Department of the Air Force that land in section 19, township 15 south, range 3 west, and section 24, township 15 south, range 4 west, of the sixth principal base and meridian, Kansas, formerly utilized by the Department of the Army as a part of Camp Phillips Military Reservation, Kansas, for a warehouse and industrial area, a sewage disposal area and a drainage ditch designated as number 2, together with all Government-owned water lines, now under the control and jurisdiction of the Veterans' Administration.

Oahu Cemetery Association, T. H.

SEC. 308. The Secretary of the Navy is hereby authorized to sell to the Oahu Cemetery Association, Honolulu, Oahu, Territory of Hawaii, a parcel of land containing twenty-two thousand four hundred and nine square feet and known as lots numbered V-3 and numbered V-5, section 15, in Nuuanu Cemetery, Honolulu, Oahu, Territory of Hawaii, for the sum of \$44,818, this being the same property acquired by the United States from the said association by deed dated May 21, 1942, for the sum of \$44,818.

Approved July 11, 1950.

[CHAPTER 457]

AN ACT

July 12, 1950
[H. R. 4394]
[Public Law 607]

To amend sections 10, 11, and 12 of chapter V of the Act of June 19, 1934, as amended, entitled "An Act to regulate the business of life insurance in the District of Columbia".

Life insurance,
D. C.

48 Stat. 1164.

Conformity of policies to descriptions.

Policy issued to employer.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 10 of chapter V of the Act of June 19, 1934, entitled "An Act to regulate the business of life insurance in the District of Columbia", as amended (D. C. Code, 1940 edition, sec. 35-710), be amended to read as follows:

"SEC. 10. GROUP LIFE INSURANCE.—No policy of group life insurance shall be delivered in the District unless it conforms to one of the following descriptions:

"(1) A policy issued to an employer, or to the trustees of a fund established by an employer, which employer or trustee shall be deemed the policyholder, to insure employees of the employer for the benefit of persons other than the employer, subject to the following requirements:

"(a) The employees eligible for insurance under the policy shall be all of the employees of the employer, or all of any class or classes thereof determined by conditions pertaining to their employment. The policy may provide that the term 'employees' shall include the employees of one or more subsidiary corporations, and the employees, individual proprietors, and partners of one or more affiliated corporations, proprietors, or partnerships if the business of the employer and of such affiliated corporations, proprietors, or partnerships is under common control through stock ownership or contract. The policy may provide that the term 'employees' shall include the individual proprietor or partners if the employer is an individual proprietor or a partnership. The policy may provide that the term 'employees' shall include retired employees. No director of a corporate employer shall be eligible for insurance under the policy unless such person is otherwise eligible as a bona fide employee of the corporation by performing services other than the usual duties of a director. No individual proprietor or partner shall be eligible for insurance under the policy unless he is actively engaged in and devotes a substantial part of his time to the conduct of the business of the proprietor or partnership.

ATTACHMENT 3

AUG 24 1940

Honorable John T. Koehler
Assistant Secretary of the Navy
Department of the Navy
Washington 25, D. C.

Dear Mr. Koehler:

Further reference is made to your communication of July 25, 1930 regarding the transfer of property known as the Maspeth Annex, New York Naval Shipyard.

Pursuant to Section 301, Public Law 608, 61st Congress, 2nd Session, jurisdiction and accountability over the real property situated at 47-01 Grand Avenue, Maspeth, Long Island, New York, known as Plot No. 226-A-1, also known as the Maspeth Annex, New York Naval Shipyard, containing approximately 100 acres of land together with all the improvements thereon, is hereby transferred from the General Services Administration to the Navy Department, effective as of the date of acceptance of the letter by the Navy Department.

The property included in this transfer is more particularly described in Certificate Deed dated January 30, 1930 from Reconstruction Finance Corporation to the United States of America and recorded in the office of the New York City Register, County of Queens, in Liber 3887, p. 6 515, of Conveyances on January 24, 1930 and indexed under Section 4, Blocks 7-2-7-6, Sec. 8, blocks 1000-1001-1002 on the Land Map of the County of Queens, which description is hereby referred to and incorporated herein.

Upon the effective date of this transfer, the permit dated January 3, 1930 heretofore issued by the Administrator of General Services, acting for and on behalf of the United States of America, and the Reconstruction Finance Corporation, to the Navy Department for a period of one year beginning July 1, 1929, which permit was renewed by the Navy Department for an additional one year period from July 1, 1930, shall be deemed cancelled and of no further force and effect.

NARA-II
RG 71
A11 Entry #1001
Naval Property Case Files
Box 849
F: Maspeth T23-44-MA

able John T. Koshler

Transfer of muniments of title is hereby accomplished by the enclosure herewith of the original Quitclaim Deed dated January 20, 1950 from Reconstruction Finance Corporation to United States of America, referred to above.

It is requested that the Navy Department signify its acceptance of this transfer by causing this letter to be executed by its duly authorized official in the space indicated below.

Sincerely yours,

S/ Jess Larson
Administrator

Enclosure:
Quitclaim Deed

NARA-II
RG 71
A1/Entry #1001
Naval Property Case Files
Box
F: Macpeth T83-44-MA

ATTACHMENT 4

ATTACHMENT 26

ALIEN PROPERTY
SEIZURE: Greenpoint
Coal Docks, Inc.
37 Commercial Street

December 6, 1947 N.Y. Times

COAL FIRM SEIZED AS ALIEN PROPERTY
Special to THE NEW YORK TIMES
New York Times (1857-Current file): Dec 6, 1947.
ProQuest Historical Newspapers The New York Times (1851 - 2006)
Pg. 1

COAL FIRM SEIZED AS ALIEN PROPERTY

**Greenpoint Coal Docks Said to
Be Owned by Hugo Stinnes
Interests in Germany**

Special to THE NEW YORK TIMES.

WASHINGTON, Dec. 5 — Announcement of the seizure as alien property of the Greenpoint Coal Docks, Inc., of 37 Commerce Street, Brooklyn, N. Y., was made here today by Attorney General Tom C. Clark.

The Department of Justice explained that the action was taken at this late date because the stock of the company had been held in the name of Pavlo Mueller, a resident of New York and president of the corporation, and it was not until investigators could get into Germany after the war that its alien ownership could be established.

This investigation brought out that the "beneficial" owner was the Hugo Stinnes interests of Germany, one of the industrial groups which financed Hitler's rise to power.

David L. Bazelon, director of the

Continued on Page 6, Column 5

COAL FIRM SEIZED AS ALIEN PROPERTY

Continued From Page 1

Office of Alien Property in the Department of Justice explained that the case had been under investigation for more than two years.

All through the war, he added, the company had been under surveillance by the Department of Justice under the regulations of the Foreign Funds Control in the Treasury Department. During all this time, the Department of Justice found no evidence that the company was engaged in any activity contrary to the interests of the United States.

Engaged in wholesale and retail sales of coal and coke, the company was said to have assets of \$540,080 and a net worth of \$295,000. Mr. Bazelon said that pending completion of a study of its business operations, the company would be continued as a going concern by the alien property office.

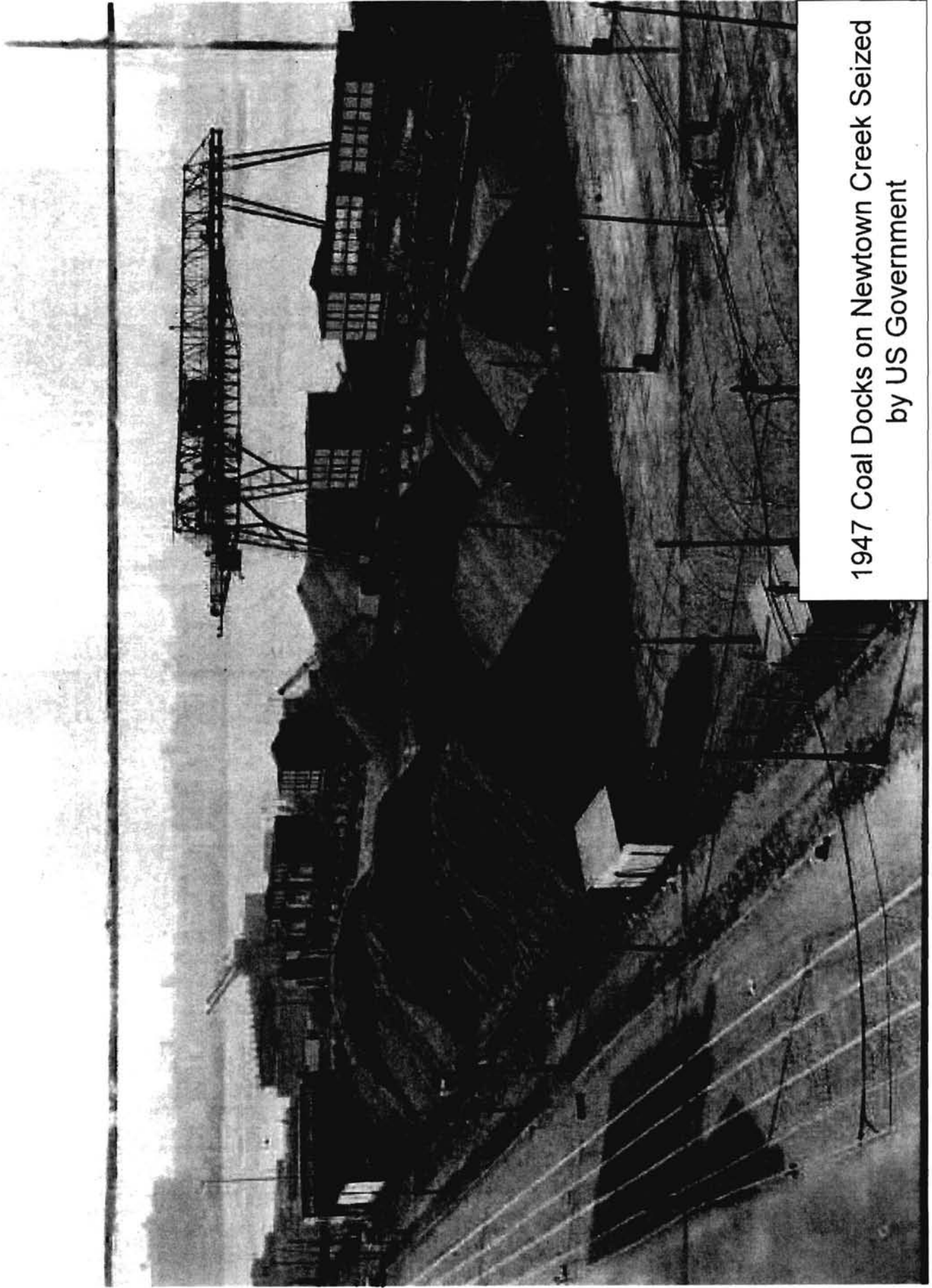
The belated seizure was not regarded as remarkable by the alien property staff, about twenty-five investigators still being at work in Germany tracking down such cases.

Property Taken Over Monday

The property of the Greenpoint Coal Docks, Inc., Newtown Creek and the East River, Brooklyn, was taken over Monday for the Government by Francis J. Carmody, liquidator in the New York area for the office of the Alien Property Custodian. He said yesterday that he will designate a supervisor for the six-acre, wholesale and retail coal company within a few days.

On Jan. 23, 1940, the firm's incorporation papers were filed in Albany with the Secretary of State. A certified copy of the incorporation was filed three days later with the Kings County Clerk.

Incorporators and "dummy" directors were members of a Manhattan law firm, Richard L. Morgan, Thomas Nichol Jr. and the late W. D. Waldron of 68 William Street. Mr. Morgan explained that it was common practice for law firms to set up corporations listing attorneys as directors. He added, however, that he knew nothing of the firm's operations.



1947 Coal Docks on Newtown Creek Seized
by US Government

ATTACHMENT 5

Newtown
1 44-2-15-
3 33

THE CITY OF NEW YORK

TO

UNITED STATES OF AMERICA

DEED OF CESSION

Premises
Lands within the bulkhead lines
of Newtown Creek.

The land affected by the
within instrument lines in
Section _____ Block _____
in the Land Map of the Borough
of Queens.

The land affected by the
within instrument lines in
Section _____ Block _____
in the Land Map of the Borough
of Brooklyn.

THIS INDENTURE made the *17th* day of *October* one thousand nine hundred and twenty eight, between THE CITY OF NEW YORK, a domestic municipal corporation, party of the first part, and THE UNITED STATES OF AMERICA, party of the second part.

WITNESSETH, That Whereas, on the 15th day of August 1928, the Board of Commissioners of the Sinking Fund of The City of New York, duly adopted a resolution which reads as follows:

Resolved, That pursuant to the provisions of sections 218-A and 271-A of the Greater New York Charter, as added thereto by chapter 494 of the Laws of 1916 and chapter 523 of the Laws of 1918, respectively, the Board of Commissioners of the Sinking Fund, hereby cedes to the United States of America, free of cost, all the estate, right, title and interest of The City of New York, in and to the lands and lands under water, acquired or owned by The City of New York, required for the improvement of navigation within the bulkhead lines of Newtown Creek from Meeker Avenue and Laurel Hill Boulevard to its southerly terminus at a point about 50 feet north of Metropolitan Avenue and within the bulkhead lines of Maspeth Creek from Newtown Creek to its easterly terminus at a point about 500 feet east of Berlin Avenue, as said bulkhead lines were approved and established by the Secretary of War, July 22, 1916, modified by the Secretary of War, between Anthony Avenue and a point east of Skillman Avenue in the Borough of Brooklyn, December 14, 1926, and further modified by the said Secretary of War on July 16, 1927, including Canal Island and

the surrounding shoals, in the Boroughs of Brooklyn and Queens, City of New York, and be it further

Resolved, That the Commissioners of the Sinking Fund give a certificate pursuant to the provisions of section 218-A and 971-A of the Greater New York Charter, that the premises in question have been ceded to the United States of America, pursuant to the provisions of said sections."; and

WHEREAS, pursuant thereto the said Commissioners of the Sinking Fund have duly given their certificate that the land in said resolution described had been ceded to THE UNITED STATES OF AMERICA pursuant to the provisions of Sections 218-A and 971-A of the Greater New York Charter.

NOW, THEREFORE, the said party of the first part has ceded, and by these presents does hereby cede, grant and release unto the said party of the second part hereto all the estate, right, title and interest of The City of New York, in and to the lands and lands under water, acquired or owned by The City of New York, required for the improvement of navigation within the bulkhead lines of Newtown Creek from Meeker avenue and Laurel Hill Boulevard to its southerly terminus at a point about 50 feet north of Metropolitan avenue and within the bulkhead lines of Kasepoth Creek from Newtown Creek to its easterly terminus at a point about 500 feet east of Berlin avenue, as said bulkhead lines were approved and established by the Secretary of War, July 22, 1916, modified by the Secretary of War,

between Anthony Avenue and a point east of Skillman Avenue in the Borough of Brooklyn, December 14, 1926, and further modified by the said Secretary of War on July 26, 1927, including Mussel Island and the surrounding shoals, in the Boroughs of Brooklyn and Queens, City of New York.

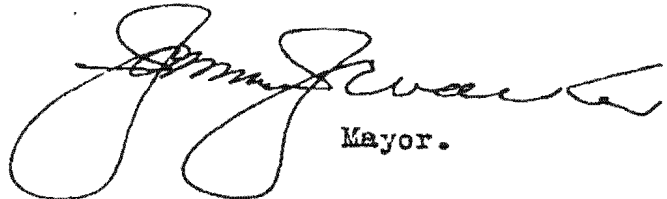
TOGETHER with the appurtenances and all the estate and rights of the said party of the first part in and to said premises.

TO HAVE AND TO HOLD the above described premises unto the said party of the second part its successors and assigns forever.

IN WITNESS WHEREOF, the party of the first part hereto has caused these presents to be signed by the Mayor, its corporate seal to be hereunto affixed, attested by the City Clerk, in triplicate, the day and year first above written.

IN WITNESS OF:

THE CITY OF NEW YORK.


Mayor.

Attest:


CITY CLERK.

89/11

The form of the foregoing instrument is approved.

Acting


Corporation Counsel

SEP - 7 1928

THE CITY AND COUNTY OF NEW YORK, ss.:


On the *4th* day of *Oct* in the year
one thousand nine hundred and twenty eight before me
personally came *M. J. Cruise*
to me known, who being by me duly sworn, did depose and
say: That he resides at No. *201 E. 35 St* in the
Borough of *Man* City of *New York*; that
he is the CITY CLERK of The City of New York, the
corporation described in and which executed the foregoing
instrument; that he knows the seal of said corporation;
that the seal affixed to said instrument is such corporate
seal; that it was so affixed by order of the Board of
Commissioners of the Sinking Fund of The City of New York
and that he signed his name thereto by like authority;

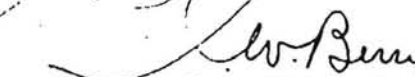
AND, further, that he knows *James J. Walker*
, and knows him to be the
MAYOR of the City of New York; that he was present and saw
the said *James J. Walker* execute the
foregoing conveyance and that he, said deponent, thereupon
subscribed his name attesting the same.

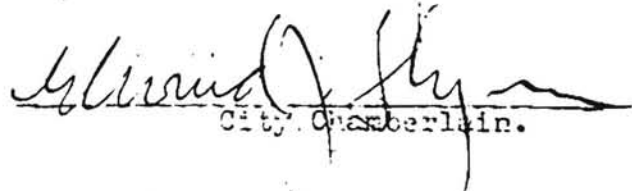
A. A. McGonigle

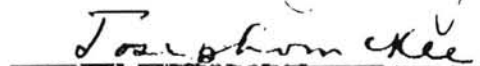
We, the Commissioners of the Docking Fund of the City of New York, hereby certify that we have ceded, granted and conveyed to THE UNITED STATES OF AMERICA, for its use, pursuant to the provisions of Sections 229-1 and 271-1 of the Greater New York Charter, all the estate, right, title and interest of The City of New York, in and to the lands and lands under water, so dried or owned by The City of New York, required for the improvement of navigation within the bulkhead lines of Newtown Creek from Mosker Avenue and Laurel Hill Boulevard to its southerly terminus at a point about 50 feet north of Metropolitan Avenue and within the bulkhead lines of Kipsbeth Creek from Newtown Creek to its easterly terminus at a point about 500 feet east of Berlin Avenue, as said bulkhead lines were approved and established by the Secretary of War, between Anthony Avenue and a point east of Skillman Avenue in the Borough of Brooklyn, December 14, 1922, and further modified by the said Secretary of War on July 26, 1927, including Mussel Island and the surroundings shoals, in the Boroughs of Brooklyn and Queens, City of New York.

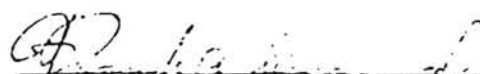
New York, Oct. 4th 1928.


Mayor.


Comptroller.


City Chamberlain.


President, Board of Aldermen.


Chairman, Committee on Finance
of the Board of Aldermen.

ATTACHMENT 6

FORM WFO-17

DEFENSE PROJECT
AGENCY WFO - DFC
PROJECT NO.
PLANCON NO. 226-A-1

Received October 30, 1942

620,122
226-A-1

Name of Project _____ For ~~Aluminum~~ Industry WFO
Aluminum Company of America Location Maspeth, Queens, N. Y.

A. Examiner

Name Warren A. Wells Date Visited Project October 27, 1942
Date of Previous Visit _____
Date of this report October 28, 1942 Examiner: _____

B. Type of Contract

Construction Agency Defense Plant Corporation
Source of Funds WFO - DFC Type of Contract DFC Lease
Rent \$1.00 per year. Term not known at site.

Note: If more than one, list principal above and attach balance as Exhibit _____.

C. Architect-Engineer*

Plans and specifications by lessee Location Pittsburgh, Pa.
Fee \$ _____ at cost Date plans and specifications received on
project are as required for various contracts.
Project Manager, Advisor or Engineer in Charge H. R. Jacobson

D. Contractor *

Name Thos. Crimmins Contracting Co., Inc. Address New York, N. Y.
Type of Contract cost-plus-fixed-fee Amount \$3,553,480
Fee \$ 24,741

*Note: If more than one, list principal above and attach balance as Exhibit A.

Remarks:

B.

C.

D.

NARA-II
RG 51
UD 114-B
Inspection Reports (WFO-5), War Projects Unit
Box 318
F: 276A1 NY-Maspeth Alum Co. of America

Description of Project

This project was authorized by Defense Plant Corporation
for the purpose of providing a plant to manufacture 600,000 pounds of
aluminum ingots per year for war purposes under WPB sponsorship.

Location

The project is located approximately 4 1/2 miles from the center
of the business district of New York City, N. Y.

It can be reached by BMT subway xx from Union Square, Canarsie Line,
to Grand Street, Greenpoint, and then there is a Grand Avenue streetcar from
Bushwick Avenue to 47th Street, Maspeth, Queens, N. Y.

Site

The project site consists of approximately 90 acres and the cost
including condemnation proceedings and other charges was \$ nominal.

It is fairly located for its purpose and the topography required as
extensive amount of grading and clearing, and 250,000 cubic yards
of fill, mostly from the site.

Remarks:

The site was donated by the City of New York. The north end required closing
up of Maspeth Creek by building a heavy wood bulkhead and filling in the ground.
Commitments for land improvement are \$600,000.

The site is served by the Long Island Railroad which connects to New England
over Hell Gate bridge. Shipments to the west over this route would cross the
Hudson River at Poughkeepsie bridge. Other shipments west from the site would
have to go by lighter to Greenville, New Jersey, unless the Pennsylvania Tunnel
were used.

Site plan is Exhibit B.

NARA-II
RG 61
WD/144-B
Inspection Reports (1940-5), War Projects Unit
Box 318
F: 226A1 NY-Maspeth Aluma Co. of America

Construction

The project construction does or will contain the following:

Buildings See Exhibits B (Plot Plan) and C (Photograph).

No.	Name of Building	Approx. Size	No. Stories	Type of Const.
16	Pot rooms	741 x 48	1	Steel and metal
2	Carbon rodding	835 x 80	1	Steel and metal
2	Rectifier	720 x 64	2	Steel, brick, concrete
2	Metal service	843 x 75	1	Steel and metal
1	Machine shop	400 x 90	1	Steel and metal
1	Pot lining	172 x 80	1	Steel and metal
1	Ore unloading	160 x 56	2	Concrete and brick
1	Boiler house	96 x 48	1	Concrete and brick
1	" " wing	50 x 22	1	Concrete and brick

Above buildings except rectifier have wood sash.

Other ConstructionGeneral Description:

1	Transformer service	80 x 40	3	Steel and metal
21	Connecting wings	variable	1	Steel and metal
1	Washroom	288 x 56	1	Wood
1	Office	140 x 40	2	Wood
1	Laboratory	116 x 41	1	Wood
1	Gatehouse	38 x 12	1	Wood
	Various transformer vaults			Brick and concrete
	Various transformer towers			Steel

FencingRail sidingsBulkhead closing off Maspeth CreekEquipmentType and General Description:

High pressure coal-fired boilers

Sprinklers for wood buildings

Usual plumbing, heating, electric and ventilating work

14 alumina tanks and concrete foundations

16 Cryolite tanks

Conveyor trestles and conveyors

Cables, wires and extensive transformer equipment for electric power.

silver bus bars and rods

Air compressor equipment

Machinery and ToolsGeneral Description:

Pots, crucibles, pig molds, drums, coolers, overhead cranes, carbon rod equipment and other items for aluminum ingot manufacture. There is no Appendix A or list of this at site. All machinery and tools are purchased by lessee at its Pittsburgh, Pennsylvania, office.

NARA-II
RG-51
UD/1448
Inspection Reports (1940-5), War Projects Unit
Box 318
F: 226A1 NY-Maspeth Alum Co. of America

Utilities

The following utilities are provided or being installed as follows:

Streets & Roads included and the work is being done by _____

Thos. Crimmins Contracting Company, Inc.

Water System included and the work is being done by _____

J. L. Murphy.

Gas System included and the work is being done by _____

J. L. Murphy.

Electric Distribution included and the work is being done by _____

Gibbs & Hill, Inc. and Hatzel & Buehler, Inc.

Sewer System included and the work is being done by _____

J. L. Murphy and Thos. Crimmins Contracting Company, Inc.

Water Reservoir or Tank City pressure sufficient

Sewage Disposal Plant None - city sewers at hand

Parking Areas Grading only included

Remarks:

One of the strong arguments used for this site selection to overcome its inconvenient freight connections (true of all Long Island) was the available supply of power. It is noted, however, that \$445,879 is being spent on transmission alone before this power is available.

In J. L. Murphy above the lessee has drawn a not too competent and an unscrupulous contractor. In Hatzel & Buehler above the lessee has drawn a competent but high-charging contractor. The DPO engineer agreed with this examiner on this and stated that these two parties were being specially watched.

NARA-II
RG 51
100/144 B
Inspection Reports (AMO-5), War Projects Unit
Box 318
F: 226A1 NY: Hasketh Alvin Co. of America

Project Costs

The original amount authorized for this project was \$ 35,000,000

on February 20, 1942.

There have been additional allotments, as follows: None

Total Amount to October 27, 1942 \$ 35,000,000

The allocation of these funds and the costs to date are as follows:

	Original Estimated Cost	Actual Cost To Date	Estimated Amount Required To Complete Project
Improvements			
Real Estate	\$1,175,000	\$ 605,200	\$ 569,800
Buildings	8,450,000	6,747,100	1,702,900
Other Construction. .			
Equipment Costs . . .			
Machinery And Tools .	25,375,000	16,331,100	9,013,300
Utilities Costs . . .			
Architect-Engineers .			
Contractor's Fees . .			
Overhead Costs . . .			
Miscellaneous		30,600(a)	
Contingencies			
Totals	\$35,000,000	\$23,714,000	\$11,286,000

See Exhibit D - Status Report October 15, 1942

(If Exhibit shows a general breakdown, the above need not be filled out except as to totals.)

(a) Charged off against machinery and tools in arriving at \$9,013,300 in last column above.

NARA-II
RG 51
WD/144-B
Inspection Reports (W40-5), War Projects Unit
Box 318
F: 226A1 NY-Mageth Alum Co. of America

Job ConditionsProgress and Delay

This project was authorized by 100%
 on date unavailable, 1942. Notice to proceed was granted by letter
 on February 20, 1942. Construction
~~#####~~ began on May 1, 1942 and the completion
 date was set as May 1, 1942.

Remarks:

Construction is up to schedule. Machinery and equipment are ten weeks behind - see Weekly Progress Report - Exhibit E.

Progress has been poor and the date for 100% completion
 for the entire project is estimated to be May 1, 1942.

The work, equipment, machinery or other facilities expected to be ~~of~~
~~the~~ completed for use on May 1, 1942 are/ entire plant.

By _____, 1942 other facilities are expected to be
 completed _____

Delays in progress have been due to:

Plans and specifications _____
 Contractor's organization _____
 Government agency _____
 Material shortage for electric connections
 Priorities _____
 Labor difficulties Jurisdictional dispute of electricians and
steel erectors
 Other Reasons Machinery and equipment deliveries

The percentage of completion of the project as a whole as of this
 date is 22 % construction, machinery 64% committed
7% delivered

NARA-II
 RG 51
 UD/144-B
 Inspection Reports (1940-5), War Projects Unit
 Box 318
 F: 226A1 NY: Hespeth Alton Co. of America

Owner's or Contractor's Supervisory Staff

The owner's or contractor's supervisory staff assigned to this project consists of 116 men with an average wage of \$72.66 per week. An analysis discloses that the number employed and the salaries or wages paid is necessary for a project of this size and the work being performed. This includes four fee-contract staffs.

Government Agency Staff

The Government Agency's staff consists of 2 men with a total salary of \$ 8,000 per annum.

The classification and duties of this staff are as follows:

Supervising engineers have this and other projects.

Men Working

The number of men working at the present time other than supervisory:

	Contractors	Lessee	Gov't Agency
	<u>1,386</u>	<u>191</u>	<u>2</u>
Supervisory	<u>116</u>		

Total on WPU - 7 is 1,675.

Materials

The material purchases were made by contractors and subject to check and approval by lessee and DPC.

Unit prices 3000 lb. concrete \$5.70 cu.yd.	Plywood 3/4" \$118.58 per 1000 sq.ft.
Wood piles 75# 1.ft.	No. 1 for 2" \$60.00 per EW 1,000
Cinders \$1.20 cu.yd.	3" \$65.00 " " "
Glengarry brick \$24.40 per 1000	4" \$79.00 " " "
Sand \$1.15 cu.yd.	For concrete pile units see
Cement \$2.23 per barrel	Exhibit 6.
Stone \$2.10 per cu.yd.	Paving brick \$56.00 per 1000
Pyrofill slab 29.4¢ per sq.ft. in place	Cyclone fencing \$1.28 per 1.ft. erected

NARA-II
RG-51
UD/HAB
Inspection Reports (MHO-5), War Projects Unit
Box 318
F: 226A1 NY-Maspeeth Alum Co. of America

All material was inspected as to grade and quality by lessee
and DPC and from an examination the workmanship and quality
 of the material used was acceptable except the McArthur concrete piles used
in the area of the rectifier building 1A have parted under the pile caps
Remarks: several feet down. Reinforcing of the caps has bridged over
the settlement to some extent and the lower portion of the piles has moved
down several inches. Steel erection in this area awaits remedy of the
condition. The DPC engineer has photographs and has the matter up for
decision.

Labor

There has been or has not been a sufficient quantity of mechanics
 available. ddd/ttd/ddd ddddd ddd/ttd/ttd/ttd/ddd
dd/ttd/ttd/ddd

This is a union job and the scale of wages was set
 by the Labor Department (See Exhibit F).

The hours worked are 8 per day or 48 per week and
 overtime was time and one-half.

Remarks:

Electricians claim steel erection for power lines. Steel erectors
 went out but returned on promise the matter would be settled. The work
 is really steel erectors' work. There were two days lost.

Equipment Rentals

The equipment rented was extensive and the rental cost accrued to the
 present time is \$219,868.04.

Remarks:

A large amount of equipment was used for heavy sewer, grading,
filling and bulkhead work.

NARA-II
 RG 61
 UD/144 B
 Inspection Reports (144.5), War Projects Unit
 Box 318
 F: 226A1 NY-Maspeth Alum. Co. of America

SUMMARY

Attention is called to the following pertinent facts regarding this project:

(Suggestions)

A future visit is recommended on April 1, 1943.

Production

Production will not occur on schedule December 5, 1943, as it is ten weeks behind. The first production date might be February 13, 1943.

Surplus material

So far no declaration of surplus material has been made. The DPC engineer has taken steps to obtain a list but the project is too far from completion for a definite list at this time. A future visitor might find a surplus as completion nears.

Design

The bulkhead closing off Maspath Creek is built of wood piling which is not treated. As this supports earth fill in the old creek bed it would have been longer lived if creosoted. Untreated lumber delivery was of course more prompt. The tops of piles and laminated sheeting are coated.

(//7777777777//)

Cost Estimate

The cost listed on itinerary was \$31,500,000. At the site this was found to be \$35,000,000 from the beginning.

Organization and control

The lessee has a staff of 191 engaged on this work in engineering, supervision, installations pertinent to the work, guard service and other duties. The salaries of this staff are all controlled from the Pittsburgh office and could not be learned at the site. No copy of the lease is at the site. Purchases of machinery and equipment are also made from the Pittsburgh office where L. A. Bonsteel is Division Engineer. The DPC Supervising Engineer appears to have the fee contractors' staffs in reasonable control and he agreed with this examiner that particular watching would be necessary over Hatzel & Bushler as to costs and over J. L. Murphy as to costs and workmanship. The electricians under union rules, Local No. 3 New York, require a subforeman over every 10 journeymen

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and a foreman over every 5 subforemen. A subforeman does not work with tools. There are 6 subforemen on Hatzel & Buehler's pay roll and this union contribution to the war effort consists of forcing six nonproductive employees on the cost at \$112.66 per week each. This performance is consistent with the notorious reputation of electricians Local No. 3 New York.

Labor difficulties

The electricians not only claimed but seized the steel erection of towers supporting transmission lines. Steel erectors went out October 17 and 19, they being engaged on steel for buildings. On October 20 they returned after being told no settlement would be made while stopping existed. The electricians (Local No. 3 New York) are still erecting steel towers and steel erectors steel buildings and the dispute remains. This examiner saw the steel towers, now mostly up, and in his opinion the work is that of steel erectors. Local No. 3 (Electricians) New York has simply put over another fast one at the expense of a trade justly entitled to do the work of steel erection.

Materials

There were 11,500 tons of structural steel used here and an extensive quantity of fibre-protected sheet metal, both being critical materials. Brick for walls costing \$24.40 per 1000 are of extravagant quality for buildings of this kind. Common brick would have served as well and could have been bought for \$15.00 or less. Paving brick at \$56.00 per 1000 laid on sand over a concrete floor are also extravagant. Many plants do well on just the concrete.

Abnormal soil

The experience of driving McArthur piles in or near the old river bed has brought a difficulty. The DPO Supervising Engineer, who has this matter in hand for decision, had some photographs showing how these piles had parted some feet below the cap and the lower portion had sunk further down. The McArthur piles here were made by pouring concrete into a mandrel hole after the mandrel was withdrawn, no shells being used. Being in reach of the tide it is possible that changing conditions may have brought this about, but no one would venture any opinion as to the causes. There is no denying the fact, and it is fortunate that steel erection did not proceed where the pile failure occurred. Other piles in this area are being subjected to test loads and the ones which have failed will, of course, be remedied. Determination of the responsibility has not been made.

Operation after completion

Freightwise, the plant being on Long Island, the location is not convenient in consideration of a possible long-time operation. Freight must leave either by lighter or over one route only via Hell Gate bridge if by rail, unless the Pennsylvania Tunnel can be used.

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RG 51
UD/144 B
Inspection Reports (144-5), War Projects Unit
Box 318
F: 226A1 NY-Maspeth Alun. Co. of America

Progress

The building portion of this project was estimated to cost \$5,450,000 and is 23 percent completed. The machinery and tools, which are estimated to cost \$23,375,000, are 64 percent committed and 7 percent delivered. The first use of machinery scheduled for November 4, 1942 will not occur that soon. Partial production will commence about February 13, 1943 and full operation is scheduled for May 1, 1943. Materials for electric connections are not arriving at present. Silver bus bars and rods needed for this work are on hand in sufficient quantity to run one pot room building. Steel erection is 47 percent completed. Siding and roofing on two pot rooms are nearly completed.

NARA-II
RG 51
WD/144 B
Inspection Reports (W40.5), War Projects Unit
Box 318
F: 276A1 NY: Mapeth Alum Co. of America

(Immediate Attention)

EXHIBITS

There are attached the following exhibits:

- A. List of Contractors
- B. Plot Plan
- C. Photograph September 25, 1942
- D. Status Report October 15, 1942
- E. Progress Report October 24, 1942
- F. Wage Scale
- G. File Rates
- H.
- I.

NAW:cls
11/4/42

NARA-II
RG 61
100/144 B
Inspection Reports (M40-3), War Projects Unit
Box 318
F: 726A1 NY: Maspeth Alun. Co. of America

ATTACHMENT 7

FACTUAL APPENDIX "A"

DEFENSE PLANT CORPORATION

An Instrumentality of U. S. Government

Plancor No. 226-A1 ✓

Location - Queens, N. Y.

Date - December 31, 1944

LESSEE OR OPERATOR: Aluminum Co. of America
SPONSOR: War Production Board
DISBURSING AGENT: Federal Reserve Bank, Cleveland, Ohio

PLANCCR 226-A1 - QUEENS, NEW YORK

Reconciliation - December 31, 1944

Lessee - Aluminum Company of America

The disbursements made by the Federal Reserve Bank of Cleveland for all planccr 226 plants were grouped and the statement of such disbursements at 12/31/44 covers eleven (11) plants. It is impossible, at this time, to show the reconciliation of disbursements for each plant. However, the reconciliation work is in progress and a consolidated reconciliation covering the total planccr 226 disbursements will be submitted when completed.

SUMMARY OF SCHEDULES

FACTUAL
APPENDIX "A"
(Actual cost of facilities
constructed or purchased)

Schedule I	<u>LAND AND LAND IMPROVEMENTS</u>	
A	Land	867,149.32
B	Land Improvements	245,176.28
	Total Schedule I	1,112,325.60
Schedule II	<u>BUILDINGS, STRUCTURES, ETC.</u>	
A	Buildings, Structures	6,141,284.53
B	Building Installation (Not Mechanical)	1,158,834.65
B-1	High Tension Bus Systems	2,105,449.52
C	Leasehold Improvements	2,421,222.58
C-1	Off Leasehold Improvements	114,464.51
	Total Schedule II	11,941,255.79
Schedule III	<u>MACHINERY, EQUIPMENT, ETC.</u>	
A	Machinery and Equipment	179,275.85
A-1	Machine Tools	41,036.29
A-2	Lawn Mower - Gas	566.99
A-3	Equipment of Permanent Nature	15,868,269.89
B	Building Installation (Mechanical)	1,530,580.95
C	Laboratory and Testing	67,855.96
D	Furniture and Fixtures	122,214.60
	Total Schedule III	17,809,800.53
Schedule IV	<u>PORTABLE TOOLS AND AUTOMOTIVE</u>	
A	Portable Tools	16,585.96
B	Automotive Equipment	44,255.03
C	Bicycles	226.02
	Total Schedule IV	61,067.01
Schedule V	<u>DURABLE TOOLS - SMALL TOOLS, ETC.</u>	
A	Dies	56.43
B	Gages	707.77
C	Jigs (With Machines 3A-3)	-
D	Patterns	2,072.61
E	Other Small Tools	55,495.68
	Total Schedule V	58,332.49
Schedule VI	<u>MISCELLANEOUS ITEMS</u>	
B	Surplus Construction Material	795,912.66
D	Unapplied Overhead	46,625.99
	Total Schedule VI	842,538.65

TOTAL PLANCOR 226-A1 (DECEMBER 31, 1944) 31,825,320.07

Note: "Service costs and all other intangible items distributed to capital asset affected on applicable asset property record"

SCHEDULE INDEX

<u>SCHEDULE</u>	<u>PAGE NO.</u>
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1B	3
2A	4
2B	6
2B1	18A
2C	19
2C-1	26
3A	27
3A-1	29
3A-2	31
3A-3	32
3B	54
3C	57
3D	61
4A	66
4B	68
4C	71
5A	72
5B	73
5D	74
5E	75
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SCHEDULE 1 A - LAND ACQUIRED

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "a"</u>
Statement of Information Relative to Disbursements made by the Federal Reserve Bank at the Request of the Manager of the New York Loan Agency, of the Reconstruction Finance Corp. in connection with acquisition of Land for the Queens Works, Enclosure 226-A1.	
1/2/42 Survey Cost	2,690.00
1/3/42 Appraised Value of Land	863,378.44
2/31/42 Title Search	1,568.25
1/4/42 Other Costs	339.13
	<hr/>
Credit for Refund on Condemnation Proceedings	867,975.82
	<hr/>
Total Schedule 1A	867,149.32

See letter of 6/5/44 from DPC 33 Liberty Street, N.Y.C. signed William J. McGormack Control Engineer - Office #5 N.Y.C. addressed to John L. Steele, Supervising Engineer, DPC Maspeth, Queens, N.Y.

Also letter of J.C. Auchter R.F.C. Custody Dep't, Federal Reserve Bank of New York dated July 14, 1944 and addressed to John L. Steele, Supervising Engineer at Maspeth, Queens.

Lot "A": Includes all property inside fence line, plus triangular piece adjoining Creek and West fence line, plus land outside fence at N.E. corner, bounded by fence line, Maspeth Avenue and the Long Island Railroad, with the cemetery and an irregular piece of land marked "out" excluded.

Lot "B": Parking area bounded by Grand Ave. S.W. Bulkhead, Maspeth Avenue and 47th. Street.

Lot "C": A piece, triangular in shape adjoining the W.E.V.D. tract.

Lot "D": 47th. Street from Grand Ave. to and including Maspeth Avenue.

Lot "E": Irregular piece on Page Place opposite Bldg. No. 66.

Total of 100.7 Acres.

SCHEDULE 1A - LAND ACQUIRED

DESCRIPTION OF LAND

ALL that plot, piece or parcel of land, situate, lying and being in Maspeth, in the Second Ward, Borough of Queens, City of New York, County of Queens and State of New York, bounded and described as follows:

BEGINNING at a point of intersection on the easterly side of Munich Street, as said Street is shown and laid out on "Map of Property situate in the Town of Newtown, Queens County, L.I., belonging to Chamberlaine and Tucker, to be known as Berlin Village, surveyed in 1870 by J. F. Meserole, City Surveyor", and filed in the Office of the Clerk, now Register, of the County of Queens, on February 7, 1871, with the northerly line of the United States Pier and Bulkhead Line as approved by the Secretary of War on January 21, 1920 and shown on alteration number 890 of the Final Topographical Map of the Borough of Queens, City of New York; and running thence along the easterly side of said Munich Street, north 15 degrees 48 minutes 48 seconds East 800.11 feet to land of the Long Island Railroad Company; running thence along the said land of the Long Island Railroad Company south 71 degrees 43 minutes 27 seconds east 145.06 feet; thence still running along said land of the Long Island Railroad Company south 56 degrees 18 minutes 35 seconds east 249.86 feet; thence on an arc of a circle bearing to the right, the radius of which is 1719.12 feet, a distance of 875.01 feet to a point; thence south 48 degrees 55 minutes 46 seconds east 137.13 feet to the old town landing; thence along said land of Old Town Landing, south 34 degrees 41 minutes 48 seconds west 19.38 feet; thence still along Old Town Landing south 89 degrees 59 minutes 32 seconds east 29.32 feet to land of the Long Island Railroad Company; thence south 48 degrees 55 minutes 46 seconds east 25.27 feet; thence along said land of the Long Island Railroad Company south 39 degrees 14 minutes 23 seconds east 187.63 feet; thence still along said land of the Long Island Railroad Company south 28 degrees 15 minutes 17 seconds east 191.53 feet to the northerly side of Maspeth Avenue, at a point therein distant 142.94 feet westerly from the corner formed by the intersection of the said northerly side of Maspeth Avenue with the westerly side of 56th Road, also known as Rust street, measured along said northerly side of Maspeth Avenue; and running thence westerly along the said northerly side of Maspeth Avenue, 50.32 feet to the easterly line of land now or formerly of Liquid Carbonic Corp.; thence along said land now or formerly of Liquid Carbonic Corp., north 29 degrees 15 minutes 26 seconds, west, 292.50 feet; thence along the arc of a circle bearing to the left and having a radius of 310 feet, a distance of 198.01 feet to a point in the westerly line of said land now or formerly of Liquid Carbonic Corp.; running thence along the westerly line of said land, south 21 degrees 25 minutes 26 seconds east, 400.46 feet to the northerly side of Maspeth Avenue; running thence westerly along the said northerly side of Maspeth Avenue, 443.35 feet; thence southerly at right angles to Maspeth Avenue and crossing said Maspeth Avenue 66 feet to the southerly side thereof; thence easterly along the southerly side of said Maspeth Avenue, 119.67 feet to land of the Circle Wire and Cable Corp.; running thence along said land now or formerly of Circle Wire and Cable Corp., south 38

SCHEDULE 1A - LAND ACQUIRED

DESCRIPTION OF LAND - (Cont.)

degrees 54 minutes 20 seconds west 39.60 feet; thence still along said land south 9 degrees 14 minutes 06 seconds west, 167.20 feet to the westerly boundary line of land now or formerly of Circle Wire and Cable Corp.; thence still along said land now or formerly of Circle Wire and Cable Corp., south 21 degrees, 25 minutes 26 seconds east 436.57 feet; running thence south 75 degrees 55 minutes 12 seconds west 291.16 feet; running thence along the arc of a circle bearing to the left and having a radius of 1822.981 feet, a distance of 118.24 feet to a point of curve; running thence south 17 degrees 51 minutes 39 seconds west 713.88 feet to a point of curve; thence along the arc of a circle bearing to the left and having a radius of 25 feet, a distance of 55.80 feet to the northerly side of Grand Ave., formerly Grand Street, at a point therein distant 1554.92 feet westerly from the intersection of the said northerly side of Grand Ave. with the westerly side of Old Flushing Ave. measured along said northerly side of Grand Avenue; running thence westerly along said northerly side of Grand Avenue, 1352.13 feet to the easterly side of the United States Pier and Bulkhead line of Newtown Creek, as approved by the Secretary of War on July 26, 1927 and shown on alteration number 1806 of the Final Topographical Map of the Borough of Queens, City of New York; running thence along the easterly side of the said United States Pier and Bulkhead Line, north 19 degrees 44 minutes 39 seconds west 93.02 feet; thence still along said United States Pier and Bulkhead Line, north 21 degrees 39 minutes 4 seconds west, 237.05 feet; thence still along said United States Pier and Bulkhead Line north 39 degrees 58 minutes 14 seconds west 287.26 feet to a point in the United States Pier and Bulkhead Line as shown on Alteration number 890 of the Final Topographical Map of the Borough of Queens, City of New York and as approved by the Secretary of War on January 21, 1920; thence along said United States Pier and Bulkhead Line, as so established, north 18 degrees 45 minutes 5 seconds west 297.60 feet; thence still along said United States Pier and Bulkhead Line, north 0 degrees 32 minutes 4 seconds east 359.25 feet to the southerly side of Maspeth Avenue; running thence easterly along the said southerly side of Maspeth Avenue, 429.54 feet; thence northerly at right angles to Maspeth Avenue 66 feet and crossing the same to the northerly side thereof; running thence north 15 degrees 16 minutes 06 seconds east along the land now or formerly of Debs Memorial Radio Fund Inc., 384.63 feet to land now or formerly of Palmer Waterfront Land and Improvement Company and running thence along said land now or formerly of Palmer Waterfront Land and Improvement Company north 30 degrees 1 minute 09 seconds west 894.39 feet to the southerly side of the United States Pier and Bulkhead Line of Maspeth Creek as shown on Alteration number 890 of the Final Topographical Map of the Borough of Queens, City of New York and approved by the Secretary of War on January 21, 1920 and running thence along the southerly side of said United States Pier and Bulkhead Line the following three courses and distances; south 87 degrees 22 minutes 20 seconds east 204.78 feet, south 83 degrees 36 minutes 08 seconds east 271.82 feet and south 75 degrees 47 minutes 26 seconds east 389.48 feet to a point distant 200.09 feet southerly from the point of beginning measured along a line drawn southerly in prolongation thereof; thence

SCHEDULE 1A - LAND ACQUIRED
DESCRIPTION OF LAND - (Cont.)

northerly in a straight line, crossing Maspeth Creek 200.09 feet to the northerly side of said Maspeth Creek to the point or place of beginning.

Excepting the following described parcel of land:

Starting from a point at the intersection of the northwesterly line of the property now owned or formerly of Liquid Carbonic Company and where the same intersects Maspeth Avenue thence running along Maspeth Avenue South 63 degrees 34 minutes 34 seconds east, 183.31 feet to a point; thence north 21 degrees 25 minutes 26 seconds west, 143.70 feet to a point. Beginning thence the following four courses: North 37 degrees 10 minutes 26 seconds west, 12.72 feet; thence North 50 degrees 41 minutes 34 seconds east, 17.33 feet; thence South 89 degrees 18 minutes 26 seconds east 44.78 feet; thence South 89 degrees 53 minutes 34 seconds west 47.34 feet to the point of beginning.

Also excepting a sewer easement lying in the bed of Maspeth Avenue.

The above mentioned premises being the premises acquired by the United States of America in a condemnation proceeding in the United States District, Eastern District of New York, No. M. 705, entitled

UNITED STATES OF AMERICA.

Petitioner-Plaintiff

-vs-

108.651 Acres of Land situate in Maspeth, in the Second Ward, Borough of Queens, City and State of New York, and National Gypsum Company, Palmer Waterfront Land and Improvement Co., Long Island Railroad Company, Debs Memorial Radio Fund, Inc., Cord Moyer Company, Circle Wire & Cable Corporation, Hamabe Realty Corporation, City of New York, People of the State of New York, Chemical Bank and Trust Company, individually and as trustee for bondholders, Chase National Bank, individually and as trustee for bondholders, Wesleyan University of Middletown, Connecticut,

Defendants.

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises.

SCHEDULE I B

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Clearing & Grading	207,308.92
Landscaping Plant Site (Incl. Gravel	5,212.98
Top Soil and Siding for Landscaping	8,923.02
Oil Treatment in Area Between	
Bldg. 32 and 32A and All Along East	
Property Fence	<u>1,950.33</u>
	223,395.25
 Pittsburgh Burden 3/4 %	 1,675.46
Construction Burden 9 %	<u>20,105.57</u>
	<u>245,176.28</u>
 Total Schedule I B	 245,176.28



REDUCTION PLANT	
Ques.	DESCRIPTION
1	Reduction Grinders
2	One 3000
3	One 3000
4	One 3000
5	One 3000
6	One 3000
7	One 3000
8	One 3000
9	One 3000
10	One 3000
11	One 3000
12	One 3000
13	One 3000
14	One 3000
15	One 3000
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99	One 3000
100	One 3000

ON CHARGE OF: John H. Planchon 62921
 RECEIVED BY: C. H. Moore 61141
 AUTHORIZED BY: CONFIDENTIAL
 SPECIAL AGENT IN CHARGE CONFIDENTIAL

REVISIONS

C6000-A1 | NEWT-0090945

SCHEDULE II A
(Cont.)

<u>ITEMS</u>	<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
	Brought Forward	4,438,021.13
328	Port Hn. Foreman's Office	11,419.45
329	" " " "	8,175.60
33	Crane Unloading	38,607.45
34	Metal Service	216,173.97
34A	" " "	226,467.96
35	Ore Unloading	139,792.95
36A	Conveyor Bridge Housing	128,338.99
	Johnson Passageway	93,689.46
39	Cable House	12,048.00
40	Office	68,312.53
41	Laboratory	31,641.65
42	Employment & First Aid	29,893.74
43	Women's Locker Room	19,304.68
43A	" " "	16,825.34
44	Machin Shop	121,844.86
45	Auto Service	19,769.21
47	Canteen (Temporary Canteen)	2,872.06
48	Men's Locker Room	86,736.29
48A	Clock House	11,863.19
50	Office Annex	22,942.69
51	Police Barracks	23,787.35
52	Construction & Maintenance	13,447.01
53	Boiler House	207,279.14
54	16 Brick Box Houses	12,126.08
	Total Schedule II A	6,141,824.93

SCHEDULE II B

<u>DESCRIPTION</u>		<u>FACTUAL APPENDIX "A"</u>
Building No. 1 - Rectifier Station		
	Water Lines	3,077.78
	Power "	4,898.37
	Light "	22,190.81
	Steam "	22,733.71
	Sewer "	9,236.41
9	Transformers - Lighting	876.19
12	" Air Conditioning	757.08
24	Fans " "	10,030.32
3	" Exhaust	107.49
24	Filters, Air Conditioning	55,941.36
1	Interphone System	<u>1,325.92</u>
		131,175.44
Building No. 1A - Rectifier Station		
	Water Lines	3,077.79
	Power "	4,898.37
	Light "	22,190.82
	Steam "	22,733.73
	Sewer "	9,237.21
9	Transformers - Lighting	876.18
12	" Air Conditioning	757.08
24	Fans " "	10,030.32
3	" Exhaust	107.49
24	Filters, Air Conditioning	55,941.36
1	Interphone System	<u>1,325.92</u>
		131,176.27

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Building No. 4 - Potroom	
Water Line	820.69
Power "	4,185.73
Light "	5,226.23
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,975.43
Building No. 6 - Potroom	
Water Line	820.69
Power "	4,185.73
Light "	5,226.23
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,975.43
Building No. 8 - Potroom	
Water Line	820.69
Power "	4,185.73
Light "	5,226.23
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,975.43
Building No. 10 - Potroom	
Water Line	820.69
Power "	4,185.73
Light "	5,226.23
2 Transformers	408.52
2 " - Black Out	185.04
Air Lines	<u>334.26</u>
	11,150.47
Building No. 12 - Potroom	
Water Line	820.69
Power "	4,185.73
Light "	5,226.23
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,975.43

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>	
Building No. 14 - Potroom		
Water Line	820.69	
Power "	4,185.73	
Light "	5,226.23	
2 Transformers	408.52	
Air Line	<u>334.26</u>	
		10,975.43
Building No. 16 - Potroom		
Water Line	820.69	
Power "	4,185.73	
Light "	5,226.23	
2 Transformers	408.52	
Air Line	<u>334.26</u>	
		10,975.43
Building No. 18 - Potroom		
Water Line	820.69	
Power "	4,185.73	
Light "	5,226.23	
2 Transformers	408.52	
Air Line	<u>334.26</u>	
		10,975.43
Building No. 4A - Potroom		
Water Line	820.69	
Power "	4,185.73	
Light "	5,226.23	
2 Transformers	408.52	
Air Line	<u>334.26</u>	
		10,975.43
Building No. 6A - Potroom		
Water Line	820.69	
Power "	4,185.73	
Light "	5,226.23	
2 Transformers	408.52	
Air Line	<u>334.26</u>	
		10,975.43

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Building No 8A - Potroom	
Water Lines	820.69
Power "	4,185.73
Light "	5,226.23
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,975.43
Building No 10A - Potroom	
Water Lines	820.69
Power "	4,185.73
Light "	5,226.23
2 Transformers	408.52
2 Black Out Transformers	185.04
Air Lines	<u>334.26</u>
	11,160.47
Building No. 12A - Potroom	
Water Lines	820.69
Power "	4,185.73
Light "	5,239.55
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,988.75
Building No. 14A - Potrooms	
Water Lines	820.69
Power "	4,185.73
Light "	5,239.55
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,988.75
Building No. 16A - Potroom	
Water Lines	820.69
Power "	4,185.73
Light "	5,239.55
2 Transformers	408.52
Air Lines	<u>334.26</u>
	10,988.75

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>	
Building No. 18A - Potroom		
Water Lines	820.69	
Power "	4,185.74	
Light "	5,239.68	
2 Transformers	408.52	
Air Lines	<u>334.30</u>	
		10,988.93
Building No. 4B - Potroom Toilets		
Steam Lines	1,942.98	
Sewer "	<u>692.35</u>	
		2,635.33
Building No. 6B - Potroom Toilets		
Steam Lines	1,942.98	
Sewer "	<u>692.35</u>	
		2,635.33
Building No. 8B - Potroom Toilets		
Steam Lines	1,942.98	
Sewer "	<u>692.36</u>	
		2,635.34
Building No. 10B - Potroom Toilets		
Sewer Lines	692.36	
Steam "	<u>1,942.99</u>	
		2,635.35
Building No. 12B - Potroom Toilets		
Steam Lines	1,942.99	
Sewer "	<u>692.36</u>	
		2,635.35
Building No. 14B - Potroom Toilets		
Steam Lines	1,942.99	
Sewer "	<u>692.36</u>	
		2,635.35

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Building No. 16B - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35
Building No. 18B - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35
Building No. 4AB - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35
Building No. 6AB - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35
Building No. 8AB - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35
Building No. 10AB - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35
Building No. 12AB - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35
Building No. 14AB - Potroom Toilets	
Steam Lines	1,942.99
Sewer "	<u>692.36</u>
	2,635.35

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>	
Building No. 16AB - Potroom Toilets		
Steam Lines	1,942.99	
Sewer "	<u>692.36</u>	
		2,635.35
Building No. 18AB - Potroom Toilets		
Steam Lines	1,942.99	
Sewer "	<u>692.36</u>	
		2,635.35
Building No. 30 - Transformer Service		
Power Lines	1,793.58	
Light "	2,854.69	
Steam "	8,073.54	
Sewer "	146.68	
1 Transformer - Lighting	<u>147.00</u>	
		13,015.49
Building No. 30A - Transformer Oil Pump House		
Power Lines	154.29	
Light "	<u>230.07</u>	
		384.36
Building No. 32 - Carbon Rodding		
Water Lines	4,426.79	
Power "	16,714.22	
Light "	15,820.62	
Steam "	41,554.78	
Sewer "	3,605.70	
Air "	3,913.07	
2 Transformers - Lighting	529.58	
2 " -Lectromelt	11,220.22	
2 " -Power	529.58	
1 Hot Water Heater	247.50	
2 Ventilating Fans	<u>1,684.54</u>	
		100,246.60

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Building No. 32A - Carbon Rodding	
Water Lines	4,426.79
Power "	16,714.22
Light "	15,820.62
Steam "	41,554.78
Sewer "	3,605.70
Air "	3,913.07
2 Transformers - Lighting	529.58
2 " - Power	529.58
2 " - Lectromelt Furnace	11,220.22
2 Ventilating Fans	<u>1,684.54</u>
	99,999.10
Building No. 32AA - Pot Lining	
Water Lines	784.71
Power "	5,029.19
Light "	3,130.02
Steam "	10,090.86
Sewer "	1,360.39
Air "	83.20
1 Transformer - Lighting	204.26
1 Floor Lever Scale	<u>2,324.09</u>
	23,006.72
Building No. 32B - Potroom Foreman's Office	
Water Lines	1,729.16
Light "	963.37
Steam "	2,556.84
Sewer "	1,195.91
1 Transformer - Lighting	105.35
1 Fan, Exhaust	<u>46.86</u>
	6,597.49
Building No. 32C - Potroom Foreman's Office	
Water Lines	209.35
Light "	1,596.93
Steam "	1,561.84
Sewer "	<u>486.46</u>
	3,854.58

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Building No. 33 - Carbon Unloading	
Light Lines	2,623.63
Steam "	3,018.28
2 Transformers	<u>239.52</u>
	5,881.43
Building No. 34 - Metal Service	
Water Lines	1,717.01
Power "	3,926.89
Light "	11,518.99
Steam "	26,710.46
Sewer "	2,170.97
Gas "	614.72
4 Transformers - Lighting	877.57
1 " Black Out	92.52
4 Floor Scales	<u>10,236.43</u>
	57,865.56
Building No. 34A - Metal Service	
Water Lines	1,717.02
Power "	3,926.90
Light "	11,518.99
Steam "	26,710.47
Sewer "	2,188.33
Gas "	441.56
4 Transformers - Lighting	877.57
1 " Black Out	92.52
2 Floor Scales	<u>5,117.75</u>
	52,591.11
Building No. 36 - Ore Unloading	
Water Lines	1,259.88
Power "	6,399.57
Light "	19,885.71
Sewer "	797.89
4 Transformers - Lighting	492.00
1 Sump Pump	915.94
1 Dust Collector	<u>835.92</u>
	30,586.91

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>	
Building No. 39 - Gate House		
Water Lines	139.23	
Light "	800.91	
Steam "	1,390.34	
Sewer "	<u>837.51</u>	
		3,167.99
Building No. 40 - Office		
Water Lines	880.12	
Light "	8,326.16	
Steam "	6,070.66	
Sewer "	1,963.53	
1 Transformer - Lighting	204.26	
1 Hot Water Heater	122.66	
6 Exhaust Fans	292.93	
Automatic Sprinkler System	2,135.74	
1 Water Pump	454.22	
1 Sump Pump	<u>56.35</u>	
		20,506.63
Building No. 41- Laboratory		
Water Lines	2,786.32	
Power "	6,047.52	
Light "	6,853.01	
Steam "	6,349.02	
Sewer "	4,439.31	
Gas "	356.43	
1 Transformer - Lighting	193.23	
2 " Power	497.00	
Automatic Sprinkler System	1,655.03	
Heating & Ventilating Equipment	4,641.80	
1 Exhaust Fan	<u>35.63</u>	
		33,854.30
Building No. 42 - Employment & First Aid		
Water Lines	3,655.29	
Light "	5,376.74	
Steam "	5,022.60	
Sewer "	2,284.27	
1 Transformer - Lighting	<u>146.65</u>	
		16,485.55

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>Factual</u> <u>APPENDIX "A"</u>	
Building No. 43 - Women's Locker & Toilet Room		
Water Lines	6,950.47	
Light "	801.88	
Steam "	4,297.38	
Sewer "	5,007.20	
1 Transformer - Lighting	146.65	
1 Hot Water Heater	<u>379.17</u>	
		17,582.75
Building No. 43A - Women's Locker & Toilet Room		
Water Lines	1,154.35	
Light "	1,424.78	
Steam "	1,722.83	
Sewer "	1,679.07	
1 Hot Water Heater	<u>337.59</u>	
		6,318.62
Building No. 44 - Machine Shop		
Water Lines	7,762.48	
Power "	14,659.09	
Light "	20,868.84	
Steam "	16,855.64	
Sewer "	9,169.49	
Air "	2,778.65	
3 Transformers - Lighting	555.52	
4 " " (Spares)	592.88	
1 Floor Scale	1,257.78	
1 Hot Water Heater	<u>361.35</u>	
		74,861.72
Building No. 45 - Oil Storage & Auto Service		
Water Lines	45.95	
Light "	1,878.75	
Steam "	<u>1,135.81</u>	
		3,060.51

SCHEDULE II B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Building No. 48 - Men's Wash Room	
Water Lines	17,829.71
Power "	2,702.39
Light "	5,975.02
Steam "	12,507.70
Sewer "	1,361.55
2 Transformers - Lighting	354.23
8 Hot Water Heaters	3,945.93
12 Pedestal Wash Fountains	1,773.56
Automatic Sprinkler System	<u>2,406.82</u>
	48,856.91
Building No. 48A - Clock House	
Light Lines	646.12
Steam "	<u>176.88</u>
	823.00
Building No. 50 - Main Office Annex	
Water, Light, Steam & Sewer Lines, Included in Construction Cost of Building	--
1 Transformer - Lighting	<u>147.00</u>
	147.00
Building No. 51 - Police Barracks	
Water, Light, Steam & Sewer Lines, Included in Construction Cost of Building	--
1 Water Heater	85.00
1 Fire Alarm System	<u>346.11</u>
	431.11
Building No. 52 - Structural Maintenance	
Water, Power, Light, Steam & Sewer Lines, Included in Construction Cost of Building	--
1 Transformer - Lighting	<u>61.10</u>
	61.10

SCHEDULE II-B1

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
<u>RECTIFIER STATIONS 1 & 1A</u>	
8 Rectifier Bus - Eastwall (Silver Bus Loaned - L & M Instal.)	72,681.92
	<hr/>
	72,681.92
<u>POT ROOMS - COPPER</u>	
Clamp on Bus	584,886.24
Flexibles	406,527.36
Anode Bars	398,756.64
Collector Straps	143,651.80
Dead Heads	127,905.84
Switch Plates	49,326.48
Washers	9,091.04
Silver Bus System - Loaned from F.R.R. (Installation Labor Only)	
Underground Bus & Risers	36,775.12
Ring Bus	227,274.24
Overhead & Crossover Bus	48,573.44
	<hr/>
	2,032,767.60
	<hr/>
<u>TOTAL SCHEDULE II-B1</u>	2,105,449.52

SCHEDULE II C

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
Land Improvements	
Sewer - Double Barrel	311,645.55
Maspeth Creek Bulkhead	74,025.47
Double Barrel Sewer Barrier	2,814.41
Relocating Manhole on Maspeth Ave.	804.03
Relocating Telephone Co. Highway Plant	587.08
Relocating Overhead & Under- Ground System N.Y. & Queens Elec. & Power Co.	8,901.05
Parking Lot Grading, Paving and Fencing Markers	8,438.76
Parking Lot East of Bldg. 40	598.02
Excavating for Parking Lot Lighting.	74.97
Parking Lot-Page Pl. & Maspeth Ave.	34.58
Grading Parking Lot West of Plant. Site for Ball Field.	707.08
Grading Along The North Property Line of Plant and L.I.R.R.	486.68
Repairs to Old Bulkhead West of Parking Lot	90.22
	<u>409,307.90</u>
Pittsburgh Burden	3,069.81
Construction Burden	<u>36,837.71</u>
Sub-Total Leasehold Land Improvements	449,215.42

SCHEDULE II C
(Cont.)

<u>DESCRIPTION</u>	<u>APPENDIX "A"</u>
Yard Power System	
One (1) 13.8 KV Distribution System	
13.8 KV Poles (9)	133.05
13.8 KV Lines & Hardware	1,203.38
Labor on Above	1,648.84
4 KV Pole Lines	2,007.55
Sub-station A	10,795.25
" " B	5,964.61
" " C	5,696.93
" " D	2,325.62
" " E	1,976.21
" " Lighting	199.63
	<u>31,951.07</u>
Burden	<u>3,115.24</u>
	<u>35,066.31</u>

Supplementary to Asset	
Construction Overhead	3,036.12
Pittsburgh "	<u>24.41</u>
	<u>3,060.53</u>
	<u>38,126.84</u>

(See III A-3 Transformers Etc.)

Power Distribution Systems	
440 Volt Power System and 250 Volt D.C. Power Distribution Lines	
Labor & Material for Installing Power System From Load Side of Secondary Disconnecting Switches on Structure of Sub-stations A-B-C-D-E	91,377.57

Supplementary to Asset	
Construction Overhead	8,481.64
Pittsburgh "	<u>63.61</u>
	<u>8,545.25</u>
	<u>99,922.82</u>

SCHEDULE II C

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
High Tension Yard	
1 138 KV Transmission Line To 138 KV Sub-station	85,284.37
1 33 KV Transmission Line Feeder to 33 KV Sub-station	44,105.16
1 138 KV Sub-station Structural Steel Galvanized Sub-station structure for 2 Incoming 13.8 KV Lines (Refer to III A-3 Transformers)	379,446.79
1 33 KV Sub-station Structural Steel Galvanized Sub-station for 2 Incoming 33 KV Lines.	31,042.55
1 Rectifier Station Bus Structure Structural Steel Galvanized Rectifier Transformer Bus Structure for 96 Rectifiers	245,934.41
1 13.8 KV Feeder to Rectifier Bus Structure Structural Steel Galvanized Feeder Structure for Transfer of 7 - 13.8 Lines to Various Rectifier Bus Structures.	169,966.45
	955,779.73
Oil Storage Tanks & Lines	
3 Oil Storage Tanks	4,363.54
1 " Line	17,361.45
	21,724.99

SCHEDULE II C
(Cont.)

<u>DISCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>		
Yard Accounts & Other Assets			
Flag Pole & Foundation (Flag & Pole donated by Employees)			458.83
<hr/>			
Permanent Roads			
Water Bound Macadam with 3" of Bituminous Topping			91,393.56
<hr/>			
Supplementary To Asset			
Construction Overhead	8,483.28		
Pittsburgh "	<u>63.63</u>	<u>8,546.91</u>	
		99,940.47	
<hr/>			
Yard Paving			
Includes all court paving between Potrooms and other buildings, all sidewalks and curbs.			168,700.88
<hr/>			
Supplementary to Asset.			
Construction Overhead	15,659.03		
Pittsburgh "	<u>117.44</u>	<u>15,776.47</u>	
		184,477.35	
<hr/>			
Yard Lighting			
Fence, Parking Lot, Guard Towers, Searchlight and Street Lighting. (Does Not Include High Tension Yard)			42,810.75
<hr/>			
Supplementary to Asset			
Construction Overhead	3,973.75		
Pittsburgh "	<u>29.81</u>	<u>4,003.56</u>	
		46,814.31	

SCHEDULE IIC
(Cont.)

<u>DESCRIPTION</u>		<u>FACTUAL</u> <u>APPENDIX "A"</u>
Yard Water System		
Plant water supply, inside fence, outside of buildings, includes fire plugs.		60,747.43
<hr/>		
Supplementary to Asset		
Construction Overhead	5,638.69	
Pittsburgh "	<u>42.29</u>	<u>5,680.98</u>
		66,428.41
<hr/>		
Sanitary Sewers		
8" Vetrified Pipe connecting from buildings to main system		35,631.38
<hr/>		
Supplementary to Asset		
Construction Overhead	3,307.34	
Pittsburgh "	<u>24.81</u>	<u>3,332.15</u>
		38,963.53
<hr/>		
Storm Sewers		
Storm sewers and drains Concrete pipe from 12" to 60" 17,300 lineal feet.		113,738.37
<hr/>		
Supplementary to Asset		
Construction Overhead	10,557.40	
Pittsburgh "	<u>79.18</u>	<u>10,636.58</u>
		124,374.95

SCHEDULE II C
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
Plant Fence	
Around entire plant site	
Cyclone 84" high - woven	
wire fabric # 11 - Galvanized	
8332 Lineal feet.	18,328.56
Supplementary to Asset	
Construction Overhead	1,631.31
Pittsburgh "	<u>12.23</u>
	1,643.54
	<u>19,972.10</u>
Retaining Wall	
Outside of Bldg. # 34	
Concrete & Cinder fill	
for truck loading	
area.	2,048.50
Telephone System	
For interplant use,	
includes underground conduits	
pull boxes, risers, brackets	
and boxes for exterior phone	
sets (Does not include	
switchboards, cables, protectors,	
wire or phone sets, which are the	
property of N.Y. Telephone Co.	4,098.39
Yard Air Lines	
Air feeder lines from air receivers	
at Bldg. # 44 through out the plant.	29,738.23
Supplementary to Assets	
Construction Overhead	2,760.36
Pittsburgh "	<u>20.70</u>
	2,781.06
	<u>32,519.29</u>

SCHEDULE II C
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
Steam Lines	
Insulated outside overhead steam lines from Boiler House to all Bldgs.	30,467.08
<hr/>	
Supplementary to Assets	
Construction Overhead	2,828.03
Pittsburgh "	<u>21.21</u>
	<u>2,849.24</u>
	33,316.32
<hr/>	
Yard Railroad	
Standard gauge railroad through out plant with connection to L.I.R.R.	
15,610 Lineal ft. of Track	117,963.32
<hr/>	
Supplementary to Assets	
Construction Overhead	10,949.58
Pittsburgh "	<u>82.12</u>
	<u>11,031.70</u>
	128,995.02
<hr/>	
Police Booths & Towers	
12 Elevated	
7 Ground Level	14,766.48
<hr/>	
Fire Hose Sheds (17)	5,028.66
<hr/>	
Plant Yard & Signal System	
Includes Public Address System	49,610.71
<hr/>	
Supplementary to Assets	
Construction Overhead	4,604.92
Pittsburgh "	<u>34.54</u>
	<u>4,639.46</u>
	54,250.17
Total Schedule II C	2,421,222.58

SCHEDULE II C-1

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
OFF LEASE HOLD LAND IMPROVEMENTS	
Construction of a 24" Sanitary Sewer line (Relocating along Grand Ave & 47th. St)	39,434.97
Water Line 47th Street	3,335.79
Munich Street Sewer	1,279.79
Retaining Wall for Munich Street	5,301.74
Paving of Page Place, 47th St. and part of Maspeth Ave.	53,857.28
Breaking Cement Sidewalk - Grand Ave.	<u>1,086.11</u>
	104,295.68
Pittsburgh Burden 3/4%	782.22
Construction Burden 9%	<u>9,386.61</u>
Total Schedule II C-1	<u>114,464.51</u>

SCHEDULE - 3A

<u>DESCRIPTION</u>		<u>FACTUAL</u> <u>APPENDIX "A"</u>
1	Brake, Cincinnati Press	6,060.38
1	Drill, Sliding Floor	832.25
8	Dust Collectors (Clean Copper Anodes)	5,114.46
1	Foundation for Forging Hammer	2,453.82
1	" for Punch & Shear	572.70
2	Grinders, Cutter & Tool	3,027.39
1	" Drill	979.05
1	" Floor	1,103.28
4	" Pedestal Tool	2,724.32
2	Hack Saws, Marvel	4,815.12
2	Hammers, Forging	15,526.48
1	Keyseater, Giant	2,555.83
1	Lathe Attachments	84.49
1	Lathe, Lodge & Shipley 20"	1,719.05
1	" Monarch	4,974.11
2	" South Bend	1,504.90
1	" Time Saver	12,999.80
1	Machine, Bending	2,105.78
6	" Drilling	25,490.91
1	" Filing	820.11
1	" Milling	13,668.72
1	" Shoe Repairing	1,050.90
2	" Threading	8,229.59
1	Press, Arbor	1,002.97
1	Punch, Thomas	2,917.01
3	Saws	3,575.17
1	Shaper, 24" Universal	839.03
1	" 36" "	5,900.30
1	Sharpener, Steel	1,649.57
2	Shears	5,557.39
4	Stub Presses & Pumps, Carbon Electrode	36,056.44
1	Table, 24" Rotary	1,145.14
1	Threader & Cutter, Oster Pipe	2,219.39

Total Schedule - 3A

179,275.85

Page 28 has been eliminated.

SCHEDULE III A-1

<u>DESCRIPTION</u>		<u>FACTUAL</u> <u>APPENDIX "A"</u>
2	Binding Machines	877.06
1	Conduit Lathe	61.25
2	Exhaust Collectors	374.27
4	Grinders, Air Driven	582.00
7	" Tool	928.42
36	Motors, 10 HP Induction	7,940.88
12	" 15 " "	3,345.60
3	" 1 1/2 " "	190.34
1	" 3/4 " "	45.28
1	" 1 " "	63.62
20	" 1 1/2 " "	2,647.33
1	" 2 " "	56.17
13	" 3 " "	1,317.77
4	" 5 " "	479.70
7	" 7 1/2 " "	1,825.82
7	" 10 " "	1,127.30
5	" 15 " "	1,469.66
6	" 20 " "	2,290.32
1	" 25 " "	341.94
8	" 30 " "	3,302.96
12	" 40 " "	9,373.92
2	" 50 " "	1,745.92
1	" 60 " "	427.00
1	Saw Rig	84.26
1	Welding Machine	137.50

Total Schedule III A-1

41,036.29

Page 30 has been eliminated.

SCHEDULE III A-2

FACTUAL
APPENDIX "A"

DESCRIPTION

1 Lawn Mower, Gas

566.99

Total Schedule III A-2

566.99

SCHEDULE III-A3

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
<u>MACHINE TOOLS</u>	
5 Cabinets, Blast	10,089.70
4 Car Pullers	19,714.62
2 Carbon Mixers	36,881.11
1 Combination Dragline and Camshell Machine	12,807.79
3 Forges, Buffalo	3,627.71
4 Furnaces, Lectromelt	78,409.64
1 Furnace, Steel	382.33
2 Furnace Shells, Steel	2,938.94
1 Pump, Trailer	1,739.54
1 Scale, Built-In for Motor Trucks	6,718.57
4 Tables, Rod Straightening	1,954.53
2 Tumbling Barrels	4,310.94
Total Machine Tools	179,575.42
<u>REMELT FURNACE & ACCESSORIES</u>	
2 Casting Machine, Rotary	6,983.06
1 Furnace, 27,000 Lb. Remelt	24,596.54
1 Lift Truck Body	180.76
60 Molds, Ingot (Spare)	578.23
1 Scale (Portables)	35.80
1 Speed Reducer	198.00
1 Tank, Pressure	23.52
2 Trucks, Wagon	162.03
1 Unistoker	3,217.10
Total Remelt Furnace	35,975.04

SCHEDULE III A-3
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Other Types of Production and Mobile Equipment of Permanent Nature.	
3 Air Compressors	10,463.53
2 Air Screws	211.04
2 Anvils	102.93
1 Balancing Ways	228.20
2107 Bars, Anode	20,793.60
- Baskets, Carbon	3,608.52
2 Batteries, Storage (Rectifiers)	10,996.21
19 Batteries, " (Trucks)	10,839.45
1 Beam Lifter	378.10
2 Benders, Pipe	338.41
40 Blocks, Crane	3,446.36
1 " Hoisting	16.90
2 Bolting Stations	306.80
2 Boxes, Corrugated Steel	282.79
1 " Dust	685.94
3 " Mix	1,235.74
8 " Tool	450.49
8 Bridges, Draw	1,421.21
6 " Unloading	668.32
4 Buckets, Charging	1,423.00
49 " Dumping	7,927.50
16 " Ore	4,870.69
2 " Steel Fabricated	231.59
10 Buggies, Concrete	336.86
8 Bus Systems	504,255.92
7 Bus Tie Breakers	24,570.80
4 Busters, Concrete	1,220.12
1 Cabinet, Storage	48.88
4 Canopies (For R.R. Cars)	1,755.00
12 Car Movers	63.55
1 Car Rerailer	63.18
1 Car, Flat Transfer	3,512.43
16 Carriers, Carbon	2,397.00
4 Carts, Concrete (Steel Wheels)	105.06
4 Cavity Forms, Welder Steel	724.90
6 Chain Falls	374.59
3 Chargers, Battery	1,639.66
8 Chutes, Steel	926.22
207 Circuit Breakers	536,253.75
2 Cleaners, Electrical	205.74
2 Cleaners, Industrial	432.12
2 Clocks, Pump	3,299.30
1 Contactor, Magnetic	32.80
97 Control Cubicles	208,270.16
8 " Wiring Systems	341,274.00
Sub-Total	1,712,689.36

SCHEDULE III A-3
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Brought Forward	1,712,689.36
11 Cranes, Jib	4,747.54
1 " & Hoist, Floor	207.61
3 Crane Rectifier Wiring Systems	11,611.18
1 Crow's Nest, Trailer Mounted	1,070.06
32 Crucibles, Bath Storage	3,247.68
16 " " Transfer	3,125.39
33 " Pouring	32,242.76
2 Dryers, Electrode	3,266.81
2 " Oven	346.50
2 Elbow Benders	72.82
1024 Electrode Jack Sets	110,456.18
16 Extensions, Ore Bucket	1,699.68
2 Filters, Oil	2,260.07
325 Fire Extinguishers	6,003.28
1 Flask, Rapper	312.45
1 Forge, Metal	178.43
2 Frames, Steel	99.00
2 " Tamping	637.74
8 Grinders, Bench	570.14
1 Grinder Attachments	29.06
1 Grip Set	254.80
2 Grounding Systems	24,119.56
2 Pneumatic, Hammers	121.60
98 Heat Exchangers	358,599.30
27 Hoists	1,904.55
2 Hooks, Steel Strong	167.95
16 Jacks, Anode	16,808.45
2 Jacks, Cable Reel	78.40
1 " Hydraulic	12.74
2 Jigs, Steel Drill	371.25
9 Ladders, Extension	170.35
4 " Step	88.90
1 Machine, Bar & Angle	84.22
2 " Power & Pipe	990.33
1 Manual Closing Device	13.00
8 Metering Systems	46,185.68
Misc. Firemen's Equipment	5,687.44
Misc. Parts	9,906.94
4 Motor Generator Sets	2,485.44
1024 Ore Hopper Sets	85,145.68
1 Panel, Anode Breaker	4,362.56
1 " Cathode "	1,586.98
1 Paper Baling Machine	69.83
1 Photo Electric Control Unit	105.35
8 Pig Moulds & Racks (Set of 4)	28,810.24
1 Pipe Master	276.08
Sub-Total	2,483,281.26

SCHEDULE III A-3
(Cont.)

<u>DESCRIPTION</u>		<u>FACTUAL</u> <u>APPENDIX "A"</u>
	Brought Forward	2,483,281.26
	Platforms & Catwalks	6,921.38
1024	Pots	4,317,774.38
2	Pots & Furnace, Heating	63.21
1	Powder Hopper & Foam Generator	438.55
1	Power Drive with Motor	199.14
8	Power Systems 440 Volts	50,817.44
2	Pullers, Gear & Pulley	244.03
1	Pump	98.54
2	Pumps & Barrels	13.54
1	Pump, H-15	67.08
3	Pumps, Oil	233.24
1	Pump, Priming	250.56
2	Pumps, Rotary	29.99
12	Racks, Anode Rod	341.00
7	Racks, Dispensing	181.55
16	" Sampling Tray	271.14
6	Reamers, Sand	2,142.07
99	Rectifiers	3,293,562.78
1	Refrigerator	147.55
2	Resistors, Bakeout	5,487.50
	Rings & Supports, Stub Casting	1,668.42
29	Sanders	2,989.07
4	Saw Machines	1,275.50
1	Saw & Joiner	250.10
10	Scales	3,508.11
12	Searchlights	2,202.20
2	Shears	91.81
2	Shovels, Power	1,931.05
8	Signal Systems	84,989.12
1	Skid Platforms & Boxes	121.04
14	Skips, Steel	1,407.08
7	Slings, Wire Rope	185.02
-	Spare Parts-High Tension	5,352.72
-	" " Stub Presses	1,627.24
3	Speed Reducers	560.93
1	Stand, Blacksmith's	12.58
7	" Drill	188.12
1	" Wheel Barrow	21.07
5	Starters, Motor	496.65
8	Strongbacks, Steel	651.67
9	Switches, Disconnect	63,376.48
3	" Safety	168.32
16	Switchboards	251,469.48
80	Syphon Head Assemblies	6,009.60
	Sub-Total	10,593,119.31

SCHEDULE III A-3
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Brought Forward	10,593,119.31
1 Table, Chain	20.00
1 " Lift	326.32
1 Tank, Alemite Grease Filler	17.64
30 " Cryolite Storage	835,364.40
2 " Fuel, 500 Gals,	282.12
4 " Oil Storage	707.93
2 " Pitch	15,323.05
1 " Lifting Device	70.00
3 Tankless Hot Water Heaters	95.65
3 Threading Machines	96.79
2 Tongs, Pipe	54.42
2 Torches, Kerosene	249.38
2 Tracks, Transfer	291.20
172 Trailers, Carbon	51,002.86
1 " 5 Ton	190.51
38 Transformers	71,522.53
1 Trolley, 1/4 Ton	18.11
6 Trucks, Cylinder	175.28
4 " Dolly	53.44
9 " Elec. Battery Fork	33,606.78
1 " Gasoline 50 Gals	58.80
19 " Hand	306.18
13 " Lift	4,414.54
35 " Platform	3,143.81
24 " Steel Wheeled	784.56
1 " Storage Battery	3,349.74
3 " Transfer	558.15
4 Unbolting Stations	422.04
1 Util-A-Tool, Simplex	39.42
31 Vises	1,245.90
1176 Voltmeters	21,295.89
2 Water Coils	408.11
2 Water Cooling Systems	9,684.06
80 Weights, Scale	323.02
2 Weighttanks, Steel Tar	192.17
9 Welding Machines	6,531.34
3 " Outfits	570.93
	<hr/> 11,655,916.38

SCHEDULE III A-3
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
High Tension Yard	
12 G.E. 12500 KV Transformers	446,364.38
39 " Current "	4,806.84
2 " Spares "	1,088.28
9 Wagner 12500 KV "	329,103.71
7 Westinghouse Ground "	25,252.36
2 voltmeters	62.33
13 Oil Circuit Breakers-1200 Amps.	<u>155,072.39</u>
	961,750.29
Rectifier Transformers & Auxiliaries (Excluding High Tension Step Down)	
Rectifier Station # 1	
General Electric Equipment	
24 7500 KV Main Interphase Transformers	995,224.48
16 " " Phase Shifting "	78,358.08
24 Outdoor Case "	1,886.64
4 Auxiliary power "	<u>9,720.24</u>
	1,085,189.44
Rectifier Station 1A	
Westinghouse Electric Equipment	
12 7500 KV Main Interphase Transformers	596,195.88
8 " " Phase Shifting "	59,510.64
12 Outdoor Current "	2,132.76
14 " Case "	2,934.96
2 Auxiliary power "	6,833.22
4 Grounding "	<u>420.00</u>
	668,027.46
Allis Chalmers Equipment	
24 3680 KVA Interphase Transformers	1,169,561.46
4 7200 " 5° Shift phase Shift Transformers	31,651.92
4 7200 " 10° " " " "	42,253.76
2 7200 " 15° " " " "	25,488.34
6 Outdoor current " " " "	1,980.00
2 Auxiliary power " "	<u>10,900.38</u>
	1,281,835.86
Total Schedule III A-3	15,868,269.89

Pages 38 thru 53 have been eliminated.

SCHEDULE III B

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>	
Building No. 1 - Rectifier Station		
1 Six Ton Overhead Crane	17,123.39	
1 Hoist (Portable)	<u>40.18</u>	
		17,163.57
Building No. 1A - Rectifier Station		
1 Six Ton Overhead Crane	17,123.40	
1 Hoist (Portable)	<u>40.18</u>	
		17,163.58
All Potrooms		
32 Six Ton Nothern Cranes	<u>616,272.44</u>	
		616,272.44
Auxiliaries		
33 Turbo Compressors	<u>12,739.48</u>	
		12,739.48
Building No. 30 - Transformer Service		
1 Fifty Ton Nothern Crane	37,237.34	
1 Vacuum Heating Pump	<u>1,809.20</u>	
		39,046.54
Building No. 32 - Carbon Rodding		
1 Conveyor System in Building	63,521.81	
1 Crane, Jib	343.78	
2 " Six Ton Nothern	38,149.31	
1 I - Beam & Chain Hoist	320.30	
2 Jacks, Hydraulic	81.93	
1 Motor Generator 3/4 H.P.	80.00	
1 " " set 60 Volts	3,051.05	
1 Pump, Portable	56.25	
2 Switchboards & Control Equip.	15,619.94	
1 " Battery Charging	3,194.86	
1 Table, Stub Conveyor	964.32	
1 Trailer Haul	4,753.62	
1 Tramrail System - Cleveland	<u>3,076.92</u>	
		133,214.09

SCHEDULE III B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>	
Building No. 32A - Carbon Rodding		
1 Conveyor System in Building	63,521.31	
1 Crane, Jib	343.77	
2 " Six Ton Northern	38,679.40	
2 Switchboards & Control Equip.	15,619.94	
1 Table, Stub Conveyor	964.32	
1 Trailer Haul	4,753.62	
1 Tramrail System - Cleveland	<u>3,076.92</u>	
		126,959.78
Building No. 32AA - Pot Lining		
1 Vertical Steam Boiler	592.61	
2 Six Ton Northern Cranes	33,841.16	
4 Pitch Pumps	<u>1,840.02</u>	
		36,273.79
Building No. 33 - Carbon Unloading		
1 Roller Conveyor	10,013.65	
2 Manifold Vacuum Heating Units	<u>6,723.28</u>	
		16,736.93
Building No. 34 - Metal Service		
1 Traveling Monorail Crane	<u>22,884.22</u>	
		22,884.22
Building No. 34A - Metal Service		
1 Traveling Monorail Crane	<u>23,248.60</u>	
		23,248.60
Building No. 36 - Ore Unloading		
1 Conveyor Belt, 1000 Ft.	3,040.58	
2 " " 1800 Ft. ea.	11,727.80	
1 Ore Conveyor System	75,480.32	
6 Unloading Units	<u>107,857.15</u>	
		198,105.85
Building No. 41 - Laboratory		
1 Hytor Compressor	<u>589.04</u>	
		589.04

SCHEDULE III B
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
 Building No. 44 - Machine Shop	
1 Aftercooler	1,508.98
2 Air Compressors	32,307.62
2 Motors, 250 H.P. for Above	5,612.62
3 Blocks	77.37
1 Chain Hoist	95.07
1 Crane, 10 Ton Northern	18,128.89
1 " Parts (Spares)	3,755.58
1 Hydraulic Jack	40.85
2 Induction Motors	970.00
3 Pul-Lifts	161.72
1 Vacuum Heating Pump	2,272.79
2 Vertical Air Receivers	1,961.29
	<hr/> 66,892.79
 Building No. 48 - Men's Wash Room	
1 Sump Pump	56.35
1 Vacuum Heating Pump	1,881.98
	<hr/> 1,938.33
 Building No. 66 - Boiler House	
1 Ash Handling Equip.	13,605.55
1 Boiler Foundation	966.31
2 Boilers	94,585.30
1 Conveyor 13" Horizontal	7,011.80
1 Crusher, Double Roll Coal	3,870.92
1 Elevator, 13" Redler Conveyor	8,018.56
4 Fans, Draft	6,258.15
1 Feeder, Reciprocating Plate	1,550.77
1 Hopper, Track	2,944.90
2 Pumps, Boiler Feed	3,170.39
1 Pump, Sump	792.57
2 Stacks for Boilers	1,818.10
2 Stokers	31,304.94
1 Tank Boiler Blow Off	1,468.40
2 Turbines, Steam 15 H.P.	2,787.14
2 " " 25 "	1,542.97
1 " " 60 "	800.43
1 Water Heater, Boiler Feed	10,442.45
2 " Regulators " "	2,787.04
1 " Treating Equip.	1,931.62
1 Weigh Larry 1 Ton	3,693.71
	<hr/> 201,351.92
Total Schedule III B	<hr/> 1,530,580.95

SCHEDULE III-C

<u>DESCRIPTION</u>		<u>FACTUAL</u> <u>APPENDIX "A"</u>
10	- Ammeters	\$ 837.54
2	- Analyzers	155.62
1	- Analysis Equipment, Boron Alloy	65.23
30	- Balancers	986.45
1	- Battery Charger	12.77
2	- Benches, Work	2,096.98
3	- Calculators, Lowry	345.44
8	- Chairs, Laboratory	112.46
2	- Colorimeters, Photo-Electric	449.25
1	- Crusher, Roll Jaw	514.32
1	- Crusher, Sampling	427.61
1	- Electrolytic Apparatus "Waco"	21.59
1	- Etoher, Electric	46.05
1	- Fan, Breeze	7.06
1	- Film Holder	249.45
1	- Furnace, Combustion	59.65
2	- Furnaces, Crucible	458.93
3	- Furnaces, Muffle	1,174.73
1	- Gas Apparatus, Williams Type	95.50
2	- Glowtectors	139.25
1	- Growler and Meter	50.49
2	- Hoods, Fume	5,895.94
9	- Hot Plates, Electric	1,020.83
1	- Indicator Equipment	1,720.18
1	- Indicator, Dial Test	47.43
1	- Indicator, Fyrite CO ₂	18.85
2	- Indicators, Phase	107.80
1	- Indicator, Speed	93.10
1	- Installation Tester	236.51
1	- Lining Level	65.77
1	- Magnet Spreader	119.72
2	- Manifolds	97.02
2	- Measuring Sets, Current	191.36
-	- Meggar and Case (Residual Value)	62.19
1	- Meter Control Equipment (Boiler)	5,236.20
1	- Meter, Beckman P.H.	24.67
1	- Meter, Resistance	185.00
1	- Meter, Rotating Standard	120.00
1	- Meter, Test Board	323.38
2	- Meter, Watthour	30.88
1	- Milliammeter	101.72
13	- Millivoltmeters	845.72
-	- Miscellaneous Laboratory Equipment	3,454.92
1	- Mortar, Tool Steel	128.00
1	- OHM Spun Load (Portable)	86.89
2	- Ohmmeters, Volt	57.96
3	- Oscillographs	3,086.71
1	- Oven, Drying	9.35
Sub-Total		\$ 31,674.52

SCHEDULE III-C

(Continued)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Brought Forward	\$ 31,674.52
1 • Pedestal, Oak Block for Mortar	70.30
1 • Phantom Load (Portable)	83.74
• Platinum, Various Weights	3,362.96
3 • Potentiometers	687.78
1 • Power Pact	372.89
1 • Pump, Rotary Air Blast and Suction	60.15
1 • Pyrometer, Wall	128.50
2 • Radio Variac	141.23
1 • Recorder, Bailey Draft	106.43
4 • Rheostats (Portable)	147.60
5 Sets Shelves, Storage	2,263.07
2 • Sieves, Ro-Tap Shaker	634.34
1 • Spectrograph	11,870.74
1 • Still, Distilled Water	1,668.10
1 • Still, Mercury	849.47
3 • Stopwatches	98.25
1 • Sulphur Apparatus, Coal	105.90
1 • Switch	70.65
2 • Tables, Balance	474.40
1 • Tables, Calculating	391.44
1 • Tables, Center	1,591.33
6 • Tables, Filter	1,934.25
1 • Tables, Pyrotitration	214.53
2 • Tables, Sampling and Balancing	312.72
1 • Tables, Work - With Cooling Bath and Sink	1,434.34
1 • Table and Sink, Developing	642.66
1 • Tachometer	83.95
1 • Tester, Flash Point	105.00
1 • Tester, Pressure	354.44
1 • Test Set	125.46
1 • Testing Outfit, High Current	303.60
1 • Testing Outfit, Oil Current	198.00
1 • Timer, Second	41.85
4 • Timer, Synchronous	226.80
10 • Transformers	755.81
1 • Transit and Level	662.45
1 • Viscosimeter	176.10
• Vise, Bench (Residual Value)	2.29
31 • Voltmeters	2,780.10
1 • Water Bath	75.00
3 • Wattmeters	497.81
2 • Weights, Balance	75.01
<hr/>	
Total Schedule III-C	\$ 67,855.96

Pages 59 and 60 have been eliminated.

SCHEDULE III D

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Office Furniture	
38 Bookcases	1,351.31
6 Card Index Cabinets	55.02
5 " " Files	13.20
59 " Racks	101.50
107 Chairs, Arm	1,140.00
150 " Folding	318.15
5 " High	29.75
153 " Side	1,017.25
49 " Stenographers	676.10
19 " Swivel	181.10
72 " Swivel Arm	1,855.73
11 Couches	495.00
4 Desks, Comptometer	151.20
109 " Flat Top	4,795.65
53 " Typewriter	2,721.41
1 Divan, Office	110.00
3 Drafting Lamps	55.41
8 " Tables	156.84
1 " " & Equipment	101.55
4 " " & Stools	345.96
76 Files, Card	583.74
1 " " (8 Drawer)	40.00
1 " Cabinet	82.20
1 " Guardsman	58.60
84 " Letter	3,475.60
74 Hat Racks	470.81
4 Kardex Cabinet	452.33
1 " Table	32.40
3 Machine Stands	30.00
2 Planfiles	182.00
4 Safes	581.82
2 Settees	84.00
25 Stools	70.15
6 Storage Cabinets	230.92
2 Supply Cabinets	54.33
40 Oak Tables	1,153.20
1 Table, Bath Sampling	81.22
16 Telephone Stands	158.00
Total Office Furniture	23,493.45

SCHEDULE III D
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
Office Machines	
1 Adding Machine Burroughs	25.00
4 " " Monroe	1,154.34
1 " " Remington	71.95
16 " " Underwood (Elec)	3,663.74
2 " " " (Hand)	347.16
1 Addressograph	1,523.26
10 Calculating Machine-Friden	5,915.00
7 " " Monroe	2,105.60
1 Check Signature Machine	574.79
1 " Writing "	47.00
7 Comptometers	2,926.00
2 Ditto Machines	448.20
1 Hydraulic Press	351.78
1 Key Combinator	140.10
5 Line-A-Time 16" Remington	102.24
3 " " 20" "	67.01
1 " " 26" "	22.50
1 Mimeograph Machine	303.98
11 Numbering "	199.19
1 Parcel Post Scale	7.23
1 Press-Numbering Asset Tags	129.17
1 Printer & Developer	492.50
1 Stand & Motor (For Mimeograph)	144.00
1 Stencil Machine	115.35
1 Tape Sealing Machine	9.11
2 Typewriters 10" Royal	127.85
8 " 12" "	500.00
2 " 18" "	140.00
2 " 20" "	186.46
2 " 12" Underwood	114.00
20 " 14" "	1,257.00
2 " 18" "	145.00
1 " 20" "	67.50
1 " 16" Electromatic	271.15

23,695.16

SCHEDULE III D
(Cont.)

FACTUAL
APPENDIX "A"

<u>DESCRIPTION</u>	
Miscellaneous Fixtures	46.05
1 Camera "Kodak"	264.74
1 " Employee Identification	8.75
1 Electric Clock	526.24
41 " Fans	200.86
2 " Floor Fans-Diehl	63.20
4 " Heaters	1,070.95
" Mancooler Fans (Residual Value)	211.04
2 Super Air Screws	491.84
64 Time Card Racks	1,485.24
8 " Recorders	179.06
6 Tu-Nep Vendors	221.32
14 Unit Heaters	23.03
2 Utility Cabinets	49.78
4 " Receptacles	1,003.27
136 Venetian Blinds	527.56
4 Watchmen's Clocks	8,826.47
36 Water Coolers (Electric)	
Total Miscellaneous Fixtures	15,199.40

SCHEDULE III D
(Cont.)

<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
First Aid Equipment	
1 Cabinet Table Etc.	91.47
1 Electrode 12'	30.67
1 Inductotherm	319.28
1 Inhalator	159.07
1 Magnolite	49.20
1 Mobile Cabinet	35.48
2 Operator Stools	13.62
1 Refrigerator	114.50
1 Sterlizer Stand Outfit	180.32
1 Tripod Stand	30.36
35 Wool Blankets	90.89
8 Cots (Metal Folding)	39.20
48 Dispensers	242.72
62 Rubber Foot Baths	368.28
 Stretchers & First Aid Kits Consisting of:	
3 First Aid Kits	
13 Army Stretchers	
13 Stretcher Holders	279.92
23 Stretchers	<u>401.71</u>
Total First Aid Equipment	2,446.69

SCHEDULE III D

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
PLANT PROTECTION	
3 Carbines	131.35
100 Revolvers	2,829.61
24 Rifles	1,447.66
5 Riot Guns	227.50
	<hr/>
	4,636.12
Shop Lockers & Work Benches	
Baskets, Clothes	667.17
Benches, Wooden	4,799.00
" Steel & Wood	27.01
" Battery	590.25
Bins - Wooden	4,849.02
" Metal	2,018.58
Cabinet, Tool	62.20
Desks, Shop	527.46
Lockers, Wooden	2,201.02
" Composition	28,376.30
" Steel	150.00
Locks (For Lockers)	4,282.11
Racks, Bar	676.70
Shelving - Toolroom	2,216.33
Tables, Test	641.07
" Welders	119.40
" Conference	55.35
Wire Enclosure	484.81
	<hr/>
	52,743.78
	<hr/>
Total Schedule III D	122,214.60

SCHEDULE 1V-A

	<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
1	Bender, Rail	22.05
1	Blade, Tri-Square	123.61
1	Breaker, Pavement	194.78
	Connections & Couplings (Grease Gun)	103.95
1	Drill, Air	241.06
27	" Electric	1,537.45
4	" Pneumatic	813.03
1	" Rock	177.68
	Gasket Cutter & Shearing Plates	83.47
1	Gun, Power Grease	290.00
2	Gun, Spray	105.79
2	Hammers, Chipping	120.00
9	" Electric	802.92
2	" Riveting	166.60
10	Jacks, Hydraulic	918.76
4	" Journal	132.10
2	Pul-Lifts (Portable)	91.36
6	Pumps, Lubrication	446.55
1	Punch, Hand Lever Metal	26.73
1	Saw, Machine	423.56
5	Stands, Drill	133.30
12	Tongs, Carbon	97.59
5	Wrench, Air	1,651.65
8	Wrench, Impact	3,872.84
6	" Pneumatic	1,562.99
8	" Reversible	2,446.12

Total Schedule 1V-A

16,585.96

Page 67 has been eliminated.

SCHEDULE IV B

<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
Automotive Equipment	
1 1942 Buick Sedan Motor # 44961654 Serial # 34269721	1,400.00
1 1942 Plymouth Sedan Motor # P14-125008 Serial # 11475545	960.33
1 1942 Plymouth Sedan Motor # P14-63438 Serial # 11435857	960.33
1 1942 Plymouth Sedan Motor # P14-115622 Serial # 11469758	1,000.00
1 Plymouth Sedan 1942 Motor # P14-119917 Serial # 15150300	1,258.72
1 1942 Chevrolet Station Wagon Motor # BD185619 Serial # 2BK114050	1,150.33
1 1938 Ford Station Wagon Motor # 18B4287117	560.13
1 1940 Ford 1½ Ton Dump Truck Motor # 99T232747	1,249.00
1 1939 Int'l 1½ Ton Dump Truck Motor # HD3250566 Serial # DS304462	1,150.00
1 1940 Chev. 1½ Ton Dump Truck Motor # TB43161	1,249.00
1 1940 Int'l 2 Ton Dump Truck Motor # FAB24126670 Serial # DS356120	1,550.00
1 1941 Ford ½ Ton Panel Truck Motor # 4906	812.80
1 1941 Chev. ½ Ton Truck Motor # AE61982	660.12
1 1942 Dodge 1 Ton Panel Truck Motor # T11643526 Serial # 81208191	1,100.00
1 1941 Int'l Stake 1 Ton Truck Motor # GRD233-3058 Serial # K5-1515	1,300.00
1 1940 Dodge 1½ Ton Panel Truck Motor # T105-14281 Serial # 8550666	764.73
1 1939 Ford 2½ Ton Stake Truck Motor # 99T1925	800.00

SCHEDULE IV B

<u>DESCRIPTION</u>		<u>FACTUAL APPENDIX "A"</u>
1	Auto Glide Scooter Model 32	255.80
1	" " " " " Residual	95.80
1	" " " " "	255.73
1	" " " " "	255.73
1	" " " " "	255.80
1	" " " " "	252.62
1	" " " " "	252.61
1	" " " " "	257.28
1	Snow Plow	480.40
Total Schedule IV B		44,255.03

SCHEDULE IV C

FACTUAL
APPENDIX "A"

DESCRIPTION
8 Bicycles

226.02

Total Schedule IV C

226.02

SCHEDULE V A

	<u>DESCRIPTION</u>	<u>FACTUAL</u> <u>APPENDIX "A"</u>
2	Sets, H.S. Steel Pipe Dies 1" x 1 1/2"	14.01
2	Sets, " " " " 1 1/2" x 2"	14.02
2	Sets, " " " " 1 1/2" x 3/4"	14.01
1	Set, 7/16 Dies	1.88
1	Set 1/2" "	1.57
1	3/4" L.H. Thread Dies	4.14
2	1/2" Rethread Dies	1.23
2	7/8" " "	4.56
1	3/4" " "	1.01

Total Schedule V A

56.43

SCHEDULE V B

	<u>DESCRIPTION</u>	<u>FACTUAL APPENDIX "A"</u>
1	Set #627 Radius & Fillet Gauges (a,b,c,d)	7.35
1	Allen Type Compression Tester - 0-4	6.37
1	Weidenhoff # 721 Battery Cell Tester	5.14
12	Stand. Micrometers (0 to 12)	174.02
12	Wiggington Voltage Testers (32-44-L-38-3759)	78.20
24	Taylor Glass Stem Thermometers - 0144-1840)	75.60
13	Micrometers (2-12)	99.47
1	Screw Gauge # 633	2.69
1	#172A Thickness Gauge	1.47
1	#705 Twist Drill & Steel Wire Gauge	2.25
1	Allen Compression Tester 0-4	6.57
1	Wiedendorf # 721 Battery Cell Tester	5.14
1	E4997 True Test OHM Indicator	1.69
2	Weston 50 Amp, 50 MV Port. Test Shunt	9.24
1	" 200 " " " "	4.62
1	" 100 " " " "	4.62
2	" 500 " " " "	15.51
2	Tool Kits (Voltmeter)	37.00
3	Milliameters	16.88
3	Sets Hand Phone Sets	28.50
12	Mineralic Statiscopes Neon Tube High Voltage Detector	70.56
8	Voltage Testers	54.88
	 Total Schedule V B`	 707.77

SCHEDULE VIFACTUAL
APPENDIX "A"DESCRIPTION

Surplus Construction Material

3750 Tons Kryoflux - Stored
at Netrona, Wyo.

651,975.00

Other Miscellaneous - Surplus
Construction Material

143,937.66

Total Schedule VI

795,912.66

795,912.66

WASH.

RG 270
Real Property Disposal Files (1942-51)
Box 204
Aluminum Co., Maspeth Plant, NY

NC 004794

NEWT-0041551

WAR ASSETS ADMINISTRATION

Region 2
P. O. Box 216
New York 5, N. Y.

JUN 21 1949

TO: Mr. A. J. Wilson, Director,
Property Management Division, PM
Washington, D. C.

ATTN: Mr. C. Ford

FROM: Carl P. Malmstrom
Deputy Regional Director
Office of Real Property Disposal, RNY-PPM-F

SUBJECT: Aluminum Company of America
Plant No. 226A-1 (R-NY-10A)
Department of Navy, Bureau of Ships, Lessee
Maspeth, Long Island, New York

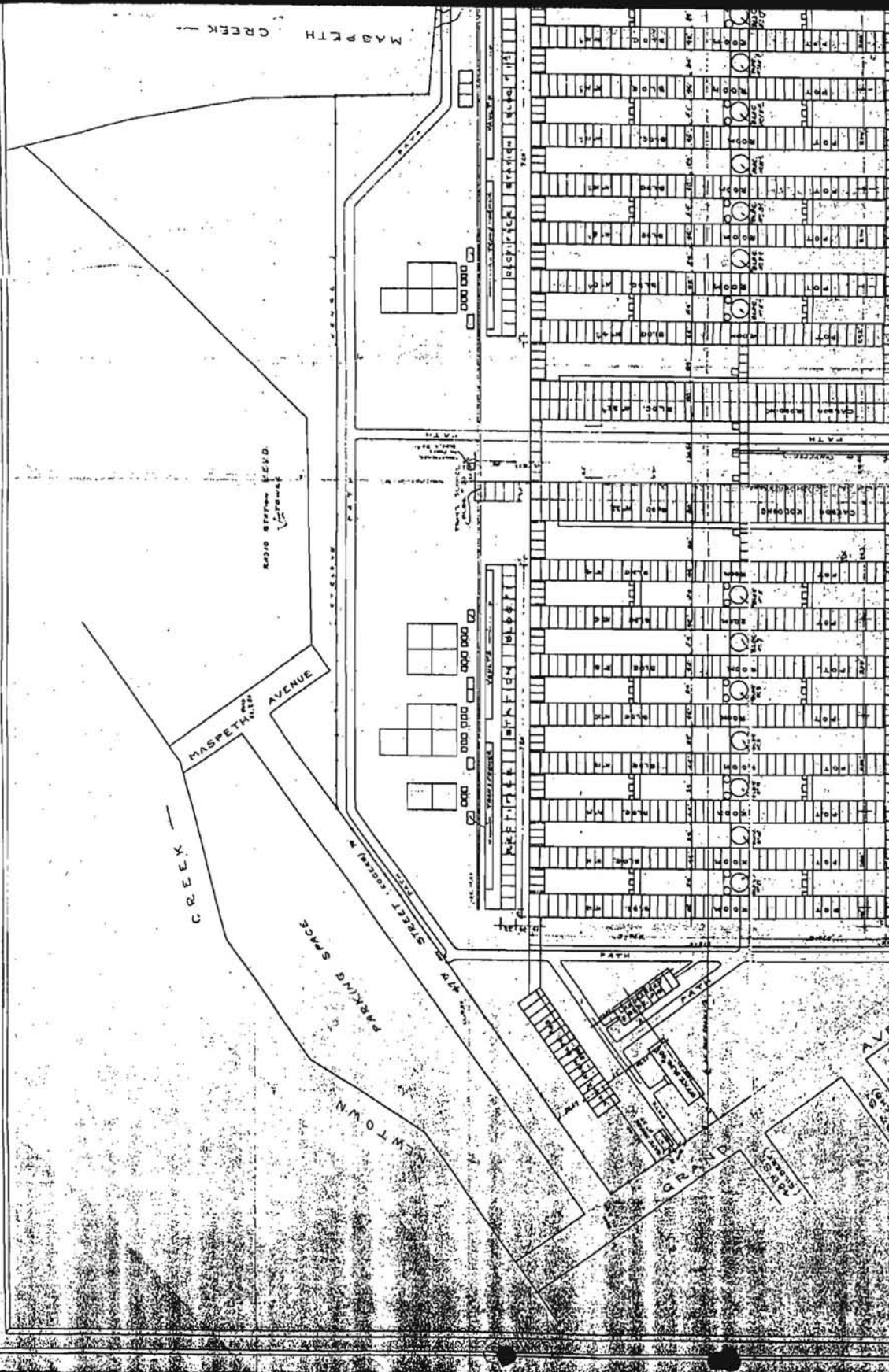
Reference is had to your letter of June 10, 1949 wherein attention is called to the fact that Lease No. NOY-39030 at the subject facility is due to expire June 30, 1949, so that proper servicing action may be taken.

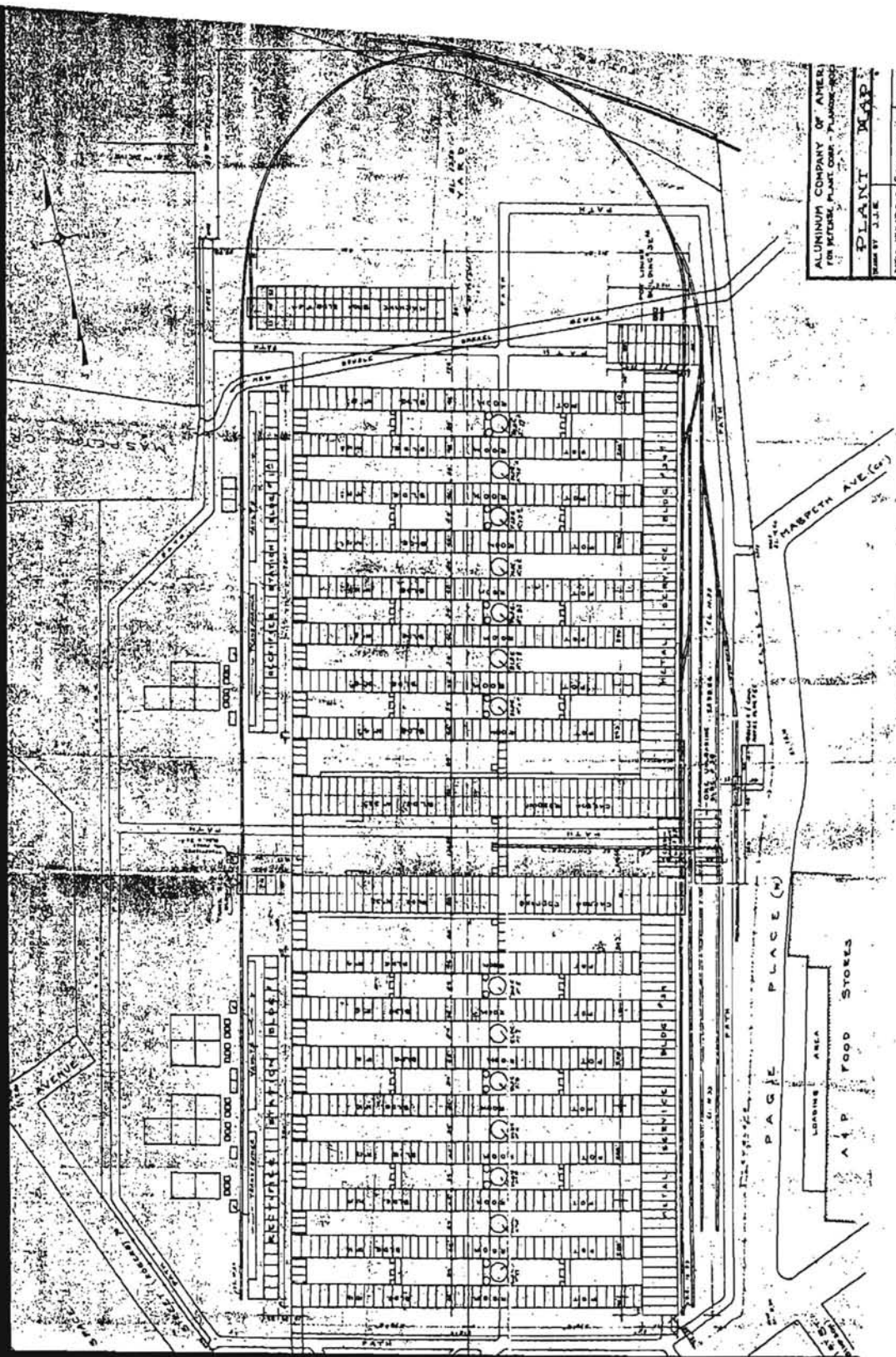
This office communicated with the District Public Works Office, Third Naval District, New York, New York, in April, 1949 and received reply dated April 29, 1949. Copy of said letter with its attachments, enclosed for your information, is self-explanatory.

Enclosure;

Cy ltr 4-29-49 in Navy

ATTACHMENT 8





ALUMINUM COMPANY OF AMERICA
FOR ALUMINUM PLANT OVER - PLANNING
PLANT MAP
DRAWN BY J.E.
SCALE: 1" = 100' - 0"

NEW-0004304

ATTACHMENT 9

DEFENSE PLANT CORPORATION

SURPLUS WAR PROPERTY DIVISION

INDUSTRIAL FACILITIES SECTION

Plancor No. 226-A-1
Aluminum Company of America
Maspeth, Queens, New York.

The facilities of this Plancor are highly specialized and can only be used for the reduction of aluminum.

Land consists of 100.7 acres, bounded on the South by Grand Avenue, on the West by Newtown Creek, on the North by the Long Island Railroad and on the East by Page Place. The property is subject to street and sewer easements.

There are 57 buildings with a total floor area of 1,113,890 square feet of steel frame, corrugated metal or brick enclosures and corrugated metal or built up roofing. Heating where required is by central plant.

Machinery and equipment comprise of the following:

142 portable tools such as electric drills, etc., 29 pieces of automotive equipment and 13 pieces of construction and maintenance equipment such as portable compressors, pumps, etc.

For further information communicate with:

Defense Plant Corporation
Surplus War Property Division
Industrial Facilities Section
Washington 25, D. C.

Defense Plant Corporation
33 Liberty Street
New York 5, New York

RG 270
Real Property Disposal Files (1942-51)
Box 204
Aluminum Co., Maspeth Plant, NY



Mr. Kluge
Mr. O'Hara
Mr. Rogers
Mr. Smith
Mr. Tulland
Mr. Harin
Mr. Bean
Mr. H. Greene
Mr. A. Brown
Mr. Reed
Mr. Elliot
Mr. McCauley
Mr. Dwyer
Mr. Stanfield

DEFENSE PLANT CORPORATION

WASHINGTON 25, D. C.

SEP 22 1944

Surplus War Property Division
Defense Plant Corporation

Re: Aluminum Company of America
Planner 226-01
Facilities located at Massena, Long Island

Rhett
G. S. S. S.
September 22, 1944
Ryan
John
on file

Letter received from WPD, dated 9/21/44, advising that facilities are no longer necessary for the production of aluminum ingot and recommending that the lease be terminated, if, in the opinion of DPC, such action is deemed advisable.

RECEIVED

Anthony C. Burnside

DEC 21 1944

This is Mr. Stanfield's case. He will advise the other Divisions of action to be taken.

STANLEY FACILITIES
Office of
A. M. Daniels

*Anti Board below and
some from Atty.*

RG 270
Real Property Disposal Files (1942-51)
Box 204
Aluminum Co., Massena Plant, NY

*See Chart
8th Floor
JWM
on file
H. J. Phipps
C. D. Dwyer*

To: Mr. Crenshaw

September 27, 1944

Re: Aluminum Company of America - Plancor 226-61
Queens, L. S. 77. 4.

1. Under date of September 21 the EPS advised that the facilities acquired and constructed for this project were no longer needed for the production of aluminum ingot and recommended that the lease agreement be terminated if, in the opinion of DPC, such action is deemed advisable.

2. It is therefore suggested that the Supervising Engineer be instructed to review the status of all unfinished business relating to this project with a view to determining whether or not it will be detrimental to the interests of DPC to terminate the lease agreement at this time. In making such a recommendation you should give full consideration to whether or not the business that remains to be finished can be properly handled without the services of the Lessee. If there is any reason why you do not think the lease agreement should properly be terminated at this time please advise us in order that we may discuss the matter with the Legal Division.

HENRY GREENE
Assistant Chief Engineer

GERALD W. BRYANT
Supervising Engineer

RECEIVED

SEP 29 1944

STANDEY FACILITIES
Office of
A. M. Daniels

RG 270
Real Property Disposal Files (1943-51)
Box 204
Aluminum Co., Maspeth Plant, NY

*JWM
2 A*

evb/lc

ATTACHMENT 10

CO: GENERAL FILES

Rm. 210

Mr. Rutland--511 Annex

Mr. Rott--571 Lafayette

Mr. Cramshaw--525 Annex

Sr. Division Engineer

George T. Lucas

Mr. Wiley

Office of Defense Plants

August 19, 1945

TO: Mr. William J. Farthing,
RFO Loan Agency Manager
New York 5, N.Y.

RE: Planner 224-A1 - Aluminum Company of America
Maspeth, Queens, New York
Plant Clearance and Preparation

Photo
Disposal
Sign
One file

1. Attached is report by E. L. Yarnish, of this office, covering the status of the equipment for which the Reconstruction Finance Corporation is responsible on the above planner. Your attention is particularly directed to the recommendation that a maintenance force be assigned to conditioning the apparatus in the Rectifier Buildings and Switch Yard as soon as possible.

2. Mr. George T. Lucas, Senior Division Engineer, will contact you in the near future, for the purpose of assisting you in arranging for this work.

R. E. HURTON
Assistant Chief, Engineering Division
Office of Defense Plants

P Y/AR

Attachment

RG 270
Real Property Disposal Files (1942-51)
Box 204
Aluminum Co., Maspeth Plant, NY

NEWT-0041397
NO 004040

cc: GENERAL FILES

Mr. Rutland—511 Annex
Mr. Rhett—571 Lafayette ✓
Mr. Cramshaw—323 Annex
Sr. Div. Engr. Lucas
New York Agency

Office of Defense Plants

July 30, 1945

(Details Added August 10, 1945)

TO: Assistant Chief, Engineering Division, Office of Defense Plants, Rm. 263

RE: Planer H24-A1 - Aluminum Company of America
Manhasset, Queens, New York
Plant Clearance and Preparation

1. Before proceeding with the inspection of this plant, the writer contacted Mr. Rhett to determine its status. Mr. Rhett advised that the plant has been declared surplus but the major portion of it is leased to the Navy. The equipment at this plant cannot be referred to the Agency for disposal under SUP Bulletin #37 since it is restricted category. Some time ago, Mr. Stansfield advised Mr. Rhett he would take this matter up with Mr. Bushman in an effort to have the Surplus War Property Board permit us to dispose of equipment separately. In Mr. Rhett's opinion, the New York Agency is responsible for the maintenance of equipment not leased by the Navy, while the EPC Engineering Division is responsible for preparation of the equipment.

2. On July 5, the writer proceeded to this plant for the purpose of determining which equipment required preparation, and the extent thereof. Mr. Varatta, Alcoa Construction Superintendent, accompanied me on this inspection, and advised that all buildings and equipment were maintained by Alcoa to November 20, 1944 after which certain facilities were prepared for shut down by their maintenance force. The only facilities not used by Navy, for which EPC is responsible, are the 2 rectifier buildings and associated transformer high tension yards, with one exception—Navy is using the first floor of rectifier building 1A. The first floor of rectifier building #1 is being used for storing the silver bus bars which were removed. Guard service for this has been arranged for by the New York Agency. It is my understanding that 8 guards are used per shift. While this is not the responsibility of the Engineering Division, the thought comes to mind that if this silver could be returned to the Treasury, considerable saving could be effected. The writer intends to check this with Mr. Rutland, after information is available for all plants.

3. Navy is not using any of the rectifier buildings and transformer yard for power service. They secure service from the Consolidated Edison Company at 6,000 volts and utilize the 1,000 Kva, 15.8/4 Kv electro melt transformers to step up voltage to 15.8 Kv, which was the original distribution voltage. They are also utilizing about 3 of our 15.8 Kv/450 volt distribution substations. Navy furnishes electric energy to these rectifier buildings and to the quarters occupied by EPC and Alcoa in the office building, without charge to EPC. Consequently, we are not obliged to negotiate a contract for electric service. Navy also furnishes water, heat, and telephone service, without charge to EPC, except for long distance calls, which are billed to us.

4. A hasty glance thru the plant area reveals that the carbon baskets, pot line fixtures, and the like, are stored outdoors and are rusted badly. Alcoa officials advise, however, that this would have no harmful effect on this apparatus. While both transformer yards were inspected, entrance was only secured to rectifier building #1 since considerable red tape would have been involved in securing entry to 1A. I was advised, however, that conditions were identical except that Allis Chalmers rectifying equipment was installed in Building 1A while General Electric Company equipment was furnished in the other building. Equipment condition was found generally good considering the lack of follow-up maintenance and the fact that local factors, such as nearby chemical plants, have undoubtedly caused accelerated deterioration. Mr. Faranda advised that the following equipment preparation work had been performed by Alcoa:

RECTIFIER STATIONS

- 1) Vacuum tanks of each rectifier tank shut off.
- 2) All cubicle units dust proofed (1A only).
- 3) Installed 25-watt lamp in each cubicle unit (1A only).
- 4) Cleaned and dusted all rectifiers (Nov. 1944).
- 5) Drained "Zerone" from rectifier tanks and heat exchangers.
- 6) Serviced storage batteries and motor generator sets (Nov. 1944).
- 7) Serviced heat exchangers.
- 8) Storage ventilating fans and motors have been removed from first floor to storage in pot room.

TRANSFORMER HIGH VOLTAGE YARD

- 1) Made periodic dielectric and pressure tests on transformers (Nov. 1944).
- 2) Applied rust preventative to electric service connections by removing rust and painting (To Nov. 1944).
- 3) Serviced oil circuit breakers by testing oil, rust proofing, emarginating heaters to remove moisture from breaker assembly.

5. In addition to the above, Alcoa recommended installation of additional heater units to permit raising temperatures to 50° when outside temperatures were 0°. Floor heaters were installed to supplement the building heat, which was also available. No cost records were kept of any of this work. Since it was performed as part of periodic maintenance, in the opinion of the writer, the work performed was reasonable and justified by the value of the equipment. Alcoa officials consider this original preparation work as adequate. Light, heat, and ventilation are continued, as well as periodic maintenance. The writer concurs in this opinion, except as hereinafter noted. Unfortunately, follow-up maintenance was discontinued in November, 1944, and the facilities have suffered accordingly.

6. The entire interior of the rectifier building was found to be quite dusty indicating no follow-up cleaning since the plant was shut down in the winter of 1944. In Building #1, the rectifier control cubicles are not metal enclosed, while in Building 1A they are. In the latter case, they have been made dust proof and light barriers applied. Alcoa officials claim this is not necessary on the open type, but we are checking this with the manufacturer. The switchboard and meter panels are not covered and were found slightly dusty. Interior paint in building is good. Structural steel platform and steps outside of building found rusted. The crane on second floor has not been prepared for shut down since it has been used up to just recently. Ventilating fans in basement have been moved to storage, while those on roof apparently have not been operated for some time and show signs of rust and lack of lubrication. I understand Navy checks battery set and motor generator sets on the first floor occasionally as a favor to Alcoa. The large motor generator set in each building is in use for Navy operation of building cranes. Electrolyte level in battery was found satisfactory and motor generator sets in good condition.

7. In the transformer yard, oil has been left in both transformers and oil circuit breakers, including the Wagner transformers wound with silver. Resistance heaters are installed in the outdoor control panels for the GUP's. External paint on transformers and structural steel is fair. Crushed stone ground cover and surface drainage satisfactory.

8. In order to place these facilities in a satisfactory condition, it is recommended that the following work be arranged:

- a) Portions of rectifier buildings for which RFG is responsible be given a complete housecleaning by making floors broom clean, and dusting rectifiers and switchgear. This work to be repeated, as necessary.
- b) Roof ventilating fans and motor drives to be lubricated, bright parts, including name plates, shafts, etc. to be protected against rust, exterior paint touched up as required.
- c) Unused motors and motor generator sets to be cleaned, lubricated, doped, and covered with algal paper.
- d) If cranes in rectifier buildings are no longer required, prepare for shut down by coiling cables, lubricate thoroughly and seal bearings, remove brake shoes and grease brake drums. (See Manufacturer's Instructions for further details).
- e) Use roof ventilating fans to ventilate building periodically.
- f) Arrange for regular battery set inspection and servicing. Operate associated motor generator set periodically. Large motor generator sets in use by Navy for cranes shall be maintained by Navy as long as building cranes are used.

- g) Open meter panel doors for ventilation periodically.
- h) On heat exchangers, paint tank exteriors, as required, oil and lubricate fans and motor bearings, touch up structural steel and conduit, as required. Paint exterior of 4 kva transformers, new rusted, and remove assembly to storage. (Estimated cost - \$5,000).
- i) Touch up paint, as required, on structural steel stairs and platforms outside of rectifier buildings, roof conduits and lamp posts.
- j) In the transformer yard, remove rust and apply touch up paint as required on OGB and transformer exteriors. Protect transformer supports, wheels and rails to facilitate removals, if required. Need for structural steel repainting is not urgent but should be scheduled to prevent accelerated deterioration. Continue electric heating of control cabinets of oil circuit breakers.
- k) Arrange to have heavy equipment hauled in the rectifier buildings and arrange for such supplemental heat as will be required.

9. It is the recommendation of the writer that a maintenance force be established immediately to take care of the above work. This matter was discussed with AECDA officials, and after discussing the relative merits of an expensive initial protection program with follow-up maintenance at a minimum, versus engaging in a program of continuous maintenance, the latter was agreed upon as preferable. It is felt that this procedure would better protect the equipment and would cost less. In the matter of arranging for this work, AECDA recommends the use of a contractor, but the possibility of setting up our own maintenance force was also discussed. AECDA recommends the former, since the latter would require specialized supervision which AECDA claims ENU does not have, for assistance would not be available from AECDA since they advise they are transferring Mr. Varada from this plant on or about September 1. The possibility of union difficulties was also discussed in the event ENU set up such a force.

10. Mr. Kaine, Construction Superintendent for AECDA, advises that they previously recommended employing an electrical contractor, in New York, named Dwyer, for this work. This contractor previously submitted an estimate to the Agency whereunder it was proposed to perform certain protection work for \$42,000 for labor, plus \$4,000 for material. This same contractor proposed to furnish a number of men for continuous maintenance. No estimate or contractor bid was ever submitted for a plan of continuous maintenance. The writer estimates, if such work was performed by a crew employed direct by the Agency, the following estimate would be reasonable:

1 Master Mechanic or Foreman @ \$500	\$	500
2 Electricians @ 250		500
4 Painters @ 250		1,000
1 Pipe Fitter or Plumber @ 250		250
5 Laborers @ 150		750
TOTAL LABOR	\$	2,000
Materials		500
Contingencies		500
TOTAL	\$	4,000

The above figures contemplate the use of laborers to do sweeping and dusting, insulating electrical apparatus. It is quite possible that electrical unions would not permit this, in which case electrician helpers would have to be employed at added cost. However, after we are caught up on this work, all but one of the painters and some of the laborers could be dropped.

11. The important thing here is that something should be done to this equipment soon, so that accelerated maintenance will not set in. My recommendation would be that an electrical contractor should be employed at once at a cost not to exceed \$4,000 monthly under a contract which can be terminated on 30 days' notice. The Senior Division Engineer should discuss this matter with the Agency as soon as possible and advise the Assistant Chief, Engineering Division, in charge of Plant Clearance, as to the final arrangements made and the funds that will be required for this work. If this office can be of any assistance in arranging for this contract, we should be glad to assist.

R. L. YAMICH
Office of Defense Plants